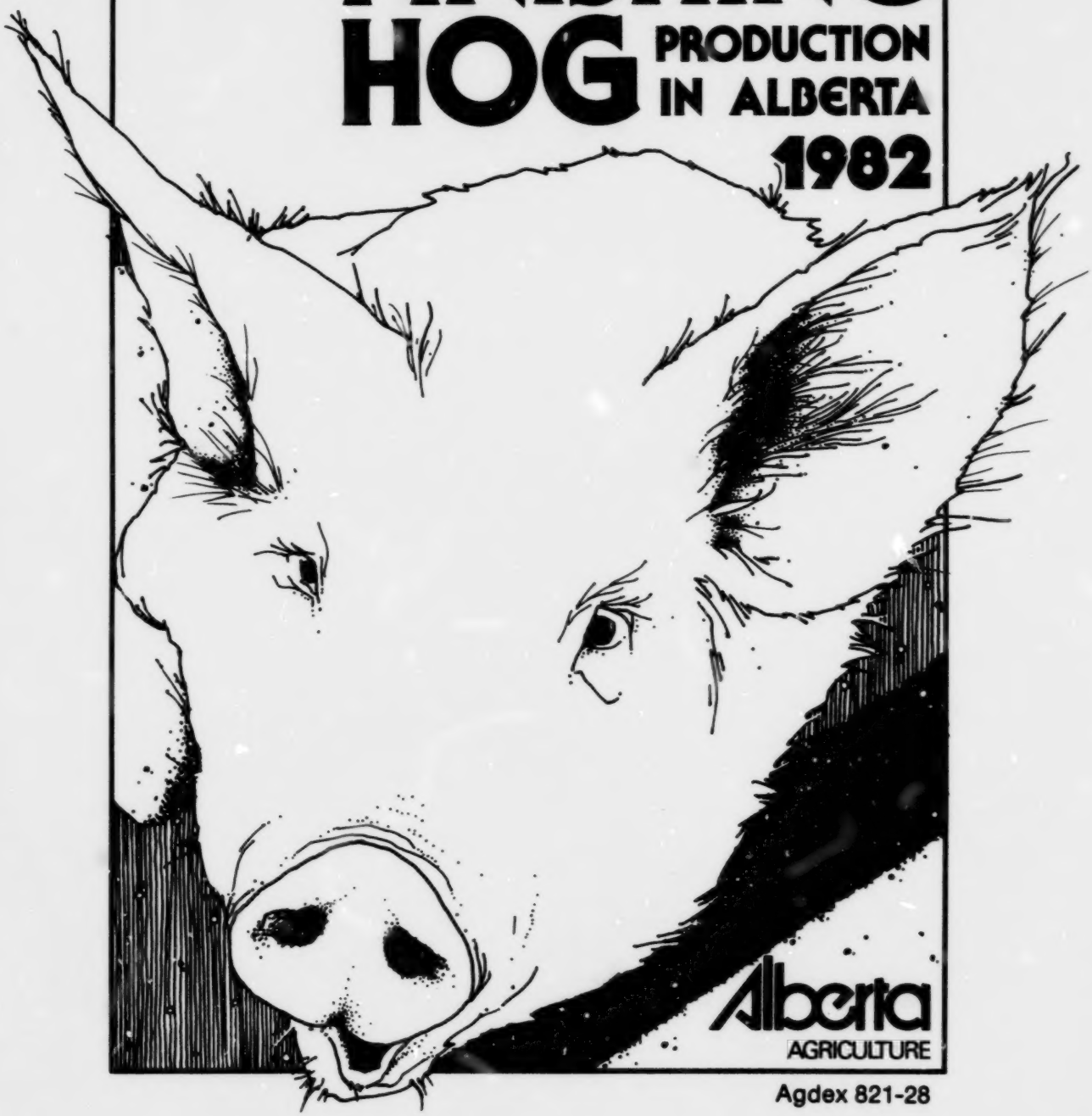
economics of

FINISHING HOG PRODUCTION IN ALBERTA 1982



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ECONOMICS OF FINISHING HOG PRODUCTION

IN ALBERTA, 1982

BY

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SECTION I

INTRODUCTION

Background

The production economics branch of Alberta Agriculture is responsible for providing Alberta Agriculture and farmers with timely and accurate production costs and returns information for all of the agricultural commodities grown in the province. In keeping with this responsibility, the branch initiated a three-year study of the economics of hog production in Alberta. The first hog report, which was published in August 1982, described the 1980 production year of both farrow-finish and finishing hog production in Alberta[1].

The 1981 production year was described in two separate reports: Farrow-finishing, published in August, 1983[2], and Finishing hog production, published in December 1983[3]. The data collected for the 1982 production year are presented in three reports: farrow-finish, finishing and farrow-wean production. This report is restricted to finishing enterprises.

Objectives

The main purpose of this study is to provide an accurate account of input costs and the economics of hog production in Alberta. More specific objectives of the study are:

1. To determine the level of investment associated with hog production in Alberta;

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1 C. Ross, Economics of Hog Production in Alberta, 1980, (Edmonton: Alberta Agriculture, August 1982) Agdex 821.11.

2 C. Ross, Economics of Farrow-finish Hog Production in Alberta, 1980, (Edmonton: Alberta Agriculture, August 1982) Agdex 821.11.

3 C. Ross, Economics of Finishing Hog Production in Alberta, 1980, (Edmonton: Alberta Agriculture, August 1982) Agdex 821.11.

2. To determine the different inputs used and the quantities required for hog production in Alberta;
3. To determine the costs/returns, profitability and relative productivity of hog production in Alberta;
4. To provide a personal and detailed business analysis to each study participant, and to give him the opportunity to compare the performance of his hog enterprise with that of other producers within his region, and in the province as a whole.

Source of Data

A random selection of approximately 200 producer names was obtained from a list of hog producers who marketed hogs through the Alberta Pork Producers' Marketing Board (APPMB). The farrow-wean producer names were obtained mainly from swine specialists across Alberta. Two hundred producers completed the study: 123 farrow-finish, 51 finishing and 26 farrow-wean producers. The primary data for this report are based on the data collected from the 51 finishing producers.

Secondary data were obtained from the Annual Livestock Review published by Agriculture Canada, and statistical reports from Alberta Agriculture and the Alberta Pork Producers' Marketing Board.

Outline of Report

This 1982 report emphasizes the overall provincial production situation with comparisons by regions and size classes. It is divided into eight sections. Section II examines some general characteristics of the hog enterprises in the study such as the average age and experience of operators, farm proprietorship, total acreage farmed, size restrictions and death-loss. Section III provides a more in-depth analysis of production describing the number of head handled, production weight, hog indexes, purchase weights of weaners, and feed use. The investment and labour costs associated with hog production are analyzed in Section IV, followed by an examination of feed and other cash costs in Section V.

Section VI summarizes returns and costs. It is here that gross margins and profitability of the hog enterprise become evident. Section VII is a three-year comparison of finishing enterprises, examining the period of 1980 through 1982. The final section forms the overall summary and conclusion.

A detailed inventory of fixed assets, their current market value, the associated depreciation, interest and operating costs is provided in Appendix A. Appendix B contains all of the estimates of returns and costs with the inputs used, and a summary of the productive performance of the hog enterprise.

SECTION II

SURVEY OF HOG PRODUCTION IN ALBERTA

Description of Survey

Fifty-one finishing hog producers participated in the 1982 hog survey, 11 enterprises fewer than in 1981. More than 70 per cent of the 1981 study participants provided data for the 1982 production year. Additional names were obtained by random selection from a list of producers who sold slaughter hogs through the APPMB. Although actual producer numbers decreased by 33 per cent over the period under study, the participation rate dropped by only 18 per cent over the three-year period. Similarly, the drop in actual hog numbers was just over 4 per cent for all of Alberta compared with the sharp decline in the number of producers over the three-year period.

Producers were individually interviewed by field staff to obtain detailed information regarding their enterprises. A questionnaire was completed indicating the size of enterprise, value of investment and costs associated, all cash costs including labour and feed, sales/-receipts, production level and some characteristics of the farm.

Each participant received a detailed business analysis of his operation. The results contained an analysis of the capital assets, production inputs, level of production and efficiency, and the returns and costs associated with the operation. The participant then had the opportunity to review his results and to compare his operation with provincial, regional and size class averages.

Seven production regions were identified for this study. The distribution of the participants is indicated in Table 1. Regions I and VII contained only 6 per cent each of the total participants. Region II contained 27 per cent of the producers. Of the remaining participants, 19 per cent came from Region IV, 18 per cent from Region III, 14 per cent from Region V and 10 per cent from Region VI.

Figure 1

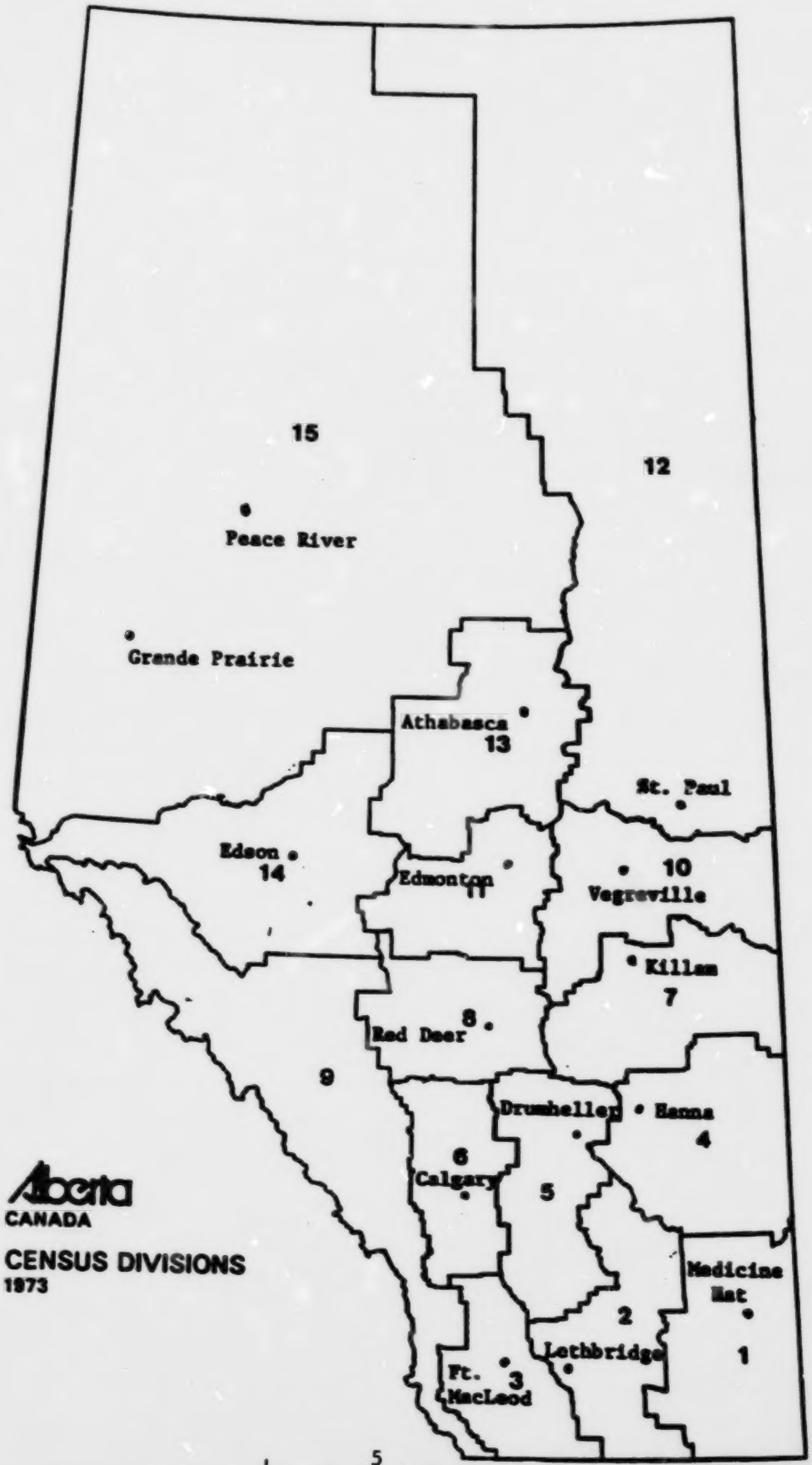
15
12
Peace River
Grande Prairie
Athabasca
13
St. Paul
Edson
14
Edmonton
11
10
Vegreville
Killam
7
8
Red Deer
9
Drumheller
Hanna
4
6
Calgary
5
Alberta
CANADA
CENSUS DIVISIONS
1973
Medicine Hat
2
Lethbridge
1
Ft. MacLeod
3

TABLE 1: DISTRIBUTION OF NUMBER OF STUDY PARTICIPANTS BY REGION, 1981

Region	Census Division	Production Area	No. of Records
I	1, 4	Medicine Hat/Hanna	3
II	2, 5	Lethbridge/Drumheller	14
III	3, 6, 9	Calgary/Ft. Macleod/Rocky Mt. Hse.	9
IV	7, 10	Vegreville/Killam	10
V	8, 11	Edmonton/Red Deer	7
VI	12, 13, 14	Edson/Athabasca/St. Paul	5
VII	15	Peace River	3
ALBERTA			51

TABLE 2: DISTRIBUTION BY SIZE OF MARKETINGS, 1982

SIZE CLASS	PARTICIPANTS NUMBER	PARTICIPANTS PER CENT	TOTAL PRODUCERS PER CENT	TOTAL HOGS MARKETED PER CENT
<100	13	25.49	57.91	3.92
100- 199	3	5.88	11.01	3.51
200- 499	2	3.92	9.50	6.11
500- 999	12	23.52	6.34	20.15
1000-1499	7	13.70	2.29	12.79
≥1500	4	7.84	3.16	39.27
ALBERTA	51	100	100	100

The sample distribution by number of hogs marketed is presented in Table 2. Statistics from APPMB indicate that over 57 per cent of all hog producers market fewer than 50 hogs per year, or 4 per cent of the total number of hogs. The statistics also indicate that the top 5 per cent of producers in Alberta marketed more than 50 per cent of slaughter hogs, and more than 20 per cent of the total hogs came from farms that marketed 500 to 999 hogs per year.

Separate statistics for finishing hog operations are not available. With so few finishing enterprises in the province, this study placed emphasis on the larger operations. Over 21 per cent of the study participants marketed 1,000 or more hogs per year, 23.5 per cent marketed 500 to 999 and 25.5 per cent marketed fewer than 100 hogs in 1982.

Some Characteristics of Finishing Farms

Age and Hog Farming Experience

The average age of participants on the survey was 41 years. The average age varied from 35 years in Region IV to 49 years in Region I. Average ages of 40, 41, 42, 43 and 44 were reported in Regions V, III, II, VI and VII, respectively. The average operator age in the different size classes of finishing enterprises varied by 21.5 years, from 30.5 years on farms marketing 100 to 199 hogs up to 52 years of age on farms marketing 50 to 99 hogs. The average age of producers who marketed 1,000 to 1,499 hogs was 35 years, whereas producers who marketed fewer than 50 hogs and 200 to 499 hogs were, on average, 39 years of age. Producers marketing 500 to 999 hogs averaged about 45 years of age and those in the largest size class (>1500 hogs) were just over 41 years of age.

Farming experience of the average participant was 15 years, with 14 years strictly related to hog farming. Hog experience varied from 20 years in Region I to 9 years in the Peace River area. Regions II, III, IV, V and VI reported average hog experience of 15, 12, 10, 18 and 17 years, respectively. Producers marketing the largest amount of hogs

reported the least hog experience of 8 years compared with the two smallest size of operations which reported 16 and 25 years, respectively. Those producers marketing between 100 and 1500 hogs reported experience ranging from 9 to 16 years.

Ownership

Of the total operations in the survey, 76 per cent were described as being singly owned, 20 per cent as partnership and the remaining 4 per cent as corporations. The operations in Regions I and VII were all single proprietorships. Region IV was the only region to report corporations. The other regions reported both single proprietorship and partnerships with partnerships ranging from 14 per cent in Region V to 56 per cent in Region III.

The only size class which reported corporations included those farms marketing 500 to 999 hogs per year. Farms marketing 50 to 99 hogs and 1500 hogs or more per year were all owner operated. All the operations marketing 100 to 199 hogs were partnerships. The proportion of partnerships varied from 10 to 29 per cent in the other three size classes.

Farm Size

The acreage farmed by the participants ranged from 562 acres in Region I to 886 acres in Region III, with the average being 729 acres. On average, 75 per cent of the land was developed and about 72 per cent deeded. The proportion of developed land ranged from 47 per cent in Region VII to 89 per cent in Region VI. The proportion of deeded land ranged from 54 per cent in Region III to 100 per cent in Regions I and VII.

The largest amount of acreage farmed was 1,260 acres reported by farmers marketing 100 to 199 hogs; 91 per cent of this land was developed and 63 per cent deeded. The smallest acreage of 479 acres was reported by farmers marketing 1,000 to 1,499 hogs per year; 89 per cent of this

land was developed and 91 per cent deeded. Farmers marketing 500 to 999 hogs had 852 acres with 73 per cent developed and 71 per cent deeded.

On average, hog receipts made up approximately 69 per cent of the total farm receipts. Hog receipts were estimated at $91,796 per farm and total farm cash receipts was estimated at just over $153,400 per farm. The proportion of hog receipts ranged from 24.2 per cent in Region I up to 90.5 per cent in Region III. Generally, hog receipts as a percentage of total farm receipts increased as the size of operation increased from 60 per cent on the smaller hog enterprises to over 70 per cent on the largest hog enterprises.

The current market value of total farm assets was estimated at $562,383 per farm. Total loans comprised approximately 16 per cent of the asset value. Equity was therefore estimated about $472,800 per farm. The total interest paid on capital loans was approximately $6,808 per farm with over 75 per cent being paid on long term loans.

Death-loss

Total death-loss on finishing farms was estimated at 4.4 per cent in 1982, corresponding to about 41 weaner and grower deaths per farm. The two primary causes of death-loss in weaner pigs were scours, accounting for 67 per cent of deaths, and trampling, accounting for the remaining 33 per cent. Pneumonia was reported as the main cause of death-loss in grower pigs, accounting for almost 30 per cent of grower deaths. The second most prevalent cause of death-loss in grower pigs was reported as unknown. Fighting and heart attacks each accounted for 5.4 per cent of grower deaths. A variety of causes contributed to the remaining 46 per cent of grower deaths.

Restrictions to Size

The majority of producers on the study (47 per cent) indicated that their future plans were to maintain the same size of hog finishing operation. In contrast, over 27 per cent of the participants intended to

increase the size of their operations, while 26 per cent of the participants intended to reduce the size of their operations.

The major factor restricting the size of hog enterprises was availability of labour, making up 27.5 per cent of the responses, followed by lack of capital at 23.5 per cent of responses. The size of existing facilities was indicated as the restricting factor in 17.6 per cent of the cases. The age of the operator, water supply, lack of interest, availability of land and being satisfied with present system were each responsible for four per cent of the responses. A variety of other factors was given as reasons for size restrictions in the remaining 11.4 per cent.

SECTION III

HOG PRODUCTION AND SIZE OF ENTERPRISE

The 1982 provincial statistics from the APPMB indicate that the average dressed carcass weight for all hogs marketed through the board was 168.5 pounds and indexed at 102.2. The average finishing operation on the 1982 survey marketed hogs at 170.5 pounds dressed per hog, indexing 102.2 (Table 3). On average these finishing enterprises each handled 949 head in 1982, down 19 per cent over 1981 levels. Weaners were purchased at an average weight of 45.2 pounds and finished to nearly 217 pounds live.

Death-loss averaged 4.4 per cent, 1.1 per cent greater than losses reported for 1981. The total live weight produced per farm was 1037.5 hundredweight or 816.5 hundredweight dressed. This was a drop of 21.3 per cent from 1981 levels. The average number of hog equivalents produced was 603.9. A hog equivalent represents a hypothetical market hog with the same hot carcass weight as the actual market hog sold less the purchase (weaner) weight[1].

Of the total feed used, almost 52 per cent was reported to be home-grown. The other feed ingredients, consisting of purchased rations, supplements and other feed ingredients, comprised the remaining 48 per cent. Grain represented about 60 per cent of the feed used, with barley making up 91 per cent of the total grain used.

The average finishing operation on the survey reported using 716.4 pounds of feed to finish a hog to market weight of 217 pounds live (Table 3). Finishing a hog required an average of 180 days. The average feed conversion was 4.2 pounds of feed per pound of live weight produced, or 5.3 pounds of feed per pound of dressed weight produced; the resulting average daily gain was 1.0 pound.

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[1] The definition of finishing hog equivalent is not the same as in the 1980 and 1981 reports, therefore the numerical estimates of hog equivalents, days of feed, etc. given in the two previous reports are not directly comparable.

TABLE 3: SUMMARY OF PRODUCTION FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1982

	Region							Alberta
	I	II	III	IV	V	VI	VII	
Head Handled	261.0	1152.8	995.7	1019.2	714.3	1179.0	481.0	949.3
Death-loss Per Cent	4.1	3.8	2.7	8.5	4.1	2.3	1.4	4.4
Cwt Live Wt. Prod.(1)	340.3	1258.0	1096.1	1072.1	763.6	1247.88	701.9	1037.5
Avg. Dress Per Cent	77.7	78.8	79.4	78.2	79.2	77.9	78.8	78.7
Cwt. Drs. Wt. Equiv.	264.4	991.3	870.3	838.4	604.8	972.1	553.1	816.5
Lb Drs. Wt./Hog	170.7	173.7	165.0	175.2	169.4	166.5	166.3	170.5
Weaners Buy Wt.	30.0	49.5	45.7	38.6	45.5	45.2	39.9	45.2
No. Hog Eq.(2)*	179.5	733.8	673.1	585.9	451.7	740.9	409.1	603.9
Average Index	101.5	102.5	102.6	102.0	101.3	102.0	102.1	102.2
Average Feed Conv.**	3.8	4.0	3.4	4.7	4.6	4.4	4.1	4.2
Lb Avg. Dly. Gn.	1.2	1.0	1.0	0.9	0.8	0.9	1.3	1.0
Avg. Days on Feed	156.0	174.6	166.9	197.0	202.2	188.6	129.8	179.7
Lb Feed/Hog Equiv.(3)	709.6	690.0	565.5	862.3	796.7	740.2	716.3	716.4

* A hog equivalent is defined as a hypothetical market hog with the same hot carcass weight as the actual market hog sold less the purchase (weaner) weight.

** Average Feed Conversion = $\frac{\text{Total Feed Used}}{(1) \times 100} = \frac{(2) \times (3)}{(1) \times 100}$

Death-loss within the regions ranged from 1.4 per cent in Region VII to 4.1 per cent in Regions I and IV. Regions VI, II and III reported death-losses of 2.3, 2.7 and 3.8 per cent, respectively. The only exception was Region IV which reported a death-loss rate of 8.5 per cent resulting from serious scour and pneumonia problems experienced in a few of the larger operations. On the whole, all regions experienced greater death-losses in 1982 than 1981.

The average number of head handled varied from region to region. Farms in Regions I and VII handled the fewest number of head at 261 and 481 head per farm, respectively, compared with 714 head in Region V, 996 head in Region III, and 1000 head or more in Regions II, IV and VI.

Average carcass weights in the regions did show an increase over 1981 weights, with the exception of Regions III and V (Table 3). In these two regions, carcass weights dropped 2.6 pounds to 165 pounds in Region III and remained virtually unchanged at 169.4 pounds in Region V. The other regions experienced increases in carcass weights from 13 pounds in Region VII to 7.4 pounds in Region II.

Average dressing percentages did not vary much. The range was between 77.7 per cent in Region I and 79.4 per cent in Region III, a difference of only 1.7 per cent. The sample average was 78.7 per cent.

In general, hog production in 1982 declined from 1981 levels. Region VI recorded the highest production per farm of 740.9 hog equivalents. Enterprises in Region I showed the lowest prouction per farm of 179.5 hog equivalents. Regions II, III, IV, V and VII reported average production of 733.8, 673.1, 585.9, 451.7 and 409.1 hog equivalents, respectively.

The average index of hogs did not vary much among regions, only a 1.3 point spread. The two regions reporting the highest indexes, greater than the Alberta average, were Region II with an average index of 102.5 and Region III with an index of 102.6. The lowest index of 101.3 was reported by Region V.

The farms in the four southern regions and Region VII all reported using less feed per hog equivalent than the Alberta average. Regions I, II, III, and VII reported feed use averaging 709.6, 690.0, 565.5 and 716.3 pounds of feed per hog equivalent (Table 3). The other three

regions, Regions IV, V and VI, recorded the lowest feed efficiencies of 862.3, 796.7 and 740.2 pounds of feed per hog equivalent, respectively.

In examining the feed conversions in the different regions, again the farms in southern regions generally indicated more efficient operations. Regions I, II and III required 3.4 to 4.0 pounds of feed to produce one pound of dressed pork, or 2.6 to 3.1 pounds of feed to produce one pound of live weight. Enterprises in Regions II and VII used 4.1 to 4.4 pounds of feed per pound of dressed pork produced, while Regions IV and V required 4.6 to 4.7 pounds of feed to produce one pound of dressed pork. The difference in feed conversions between regions was as high as 1.3 pounds per pound of dressed pork. Assuming an average dressed carcass weight of 170.5 pounds, the difference in feed used could be as high as 222 pounds feed per hog.

The proportion of home-grown feed used in rations increased as one moved north across the province. The southern regions reported using between 30 to 41 per cent home-grown feed, whereas Regions IV through VII reported home-grown feed comprising 62 and 72 per cent of total feed. There does appear to be an inverse correlation between feed conversions and proportion of home-grown feeds in the rations i.e., the greater the proportion of home-grown feeds, the lower the feeding efficiency.

With the exception of farms in Region VII, farms in the southern regions required fewer days on feed to finish hogs to market than elsewhere in the province. The days on feed in the southern regions ranged between 156 and 175 days, compared with 189 to 202 days in the other three regions. Enterprises in Region VII averaged 130 days on feed with an average daily gain of 1.3 pounds. Average daily gains varied between 1.0 and 1.2 pounds in the south and 0.8 to 0.9 pounds in Regions IV to VI (Table 3).

The average number of head handled per farm increased from about 71 on farms marketing fewer than 50 hogs per year up to over 3105 head on farms marketing 1500 hogs or more per year (Table 4). Farmers marketing 500 hogs or more per year tended to purchase weaners at heavier weights of about 42 and 48 pounds, versus 36 to 44 pounds on smaller farms.

Death-loss percentages varied with the size class from 2.3 per cent on farms marketing 200 to 499 hogs per year to 8.6 per cent on farms marketing 1500 hogs or more per year. The relatively high death-loss on

TABLE 4: SUMMARY OF PRODUCTION FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1982

	Size Class							Alberta
	<50	50-99	100-199	200-499	500-999	1000-1499	≥1500	
Head Handled	70.6	119.0	251.0	595.1	1259.9	1878.0	3105.3	949.3
Death-loss Per Cent	4.2	3.1	2.6	2.3	3.2	2.7	8.6	4.4
Cwt Live Wt. Prod.(1)	68.4	132.6	294.8	616.4	1401.0	2181.1	3215.7	1037.5
Avg. Dress Per Cent	76.9	76.9	78.1	78.7	78.8	78.9	78.1	78.7
Cwt. Drs. Wt. Equiv.	52.6	102.0	230.2	485.1	1104.0	1720.9	2511.5	816.5
Lb Drs. Wt/Hog	168.7	173.4	170.3	167.8	168.4	175.9	168.3	170.5
Weaners Buy Wt.	40.6	35.3	35.7	44.2	48.2	42.0	46.1	45.2
No. Hog Eq.(2)*	38.4	69.9	161.5	364.5	843.4	1202.6	1898.3	603.9
Average Index	100.5	98.9	102.3	100.4	102.8	103.6	101.0	102.2
Average Feed Conv.**	5.9	5.9	5.9	5.0	4.1	3.4	4.5	4.1
Lb Avg. Dly. Gn.	0.6	1.3	1.0	0.8	1.0	1.1	1.0	1.0
Avg. Days on Feed	287.0	148.3	191.9	212.2	169.6	174.6	175.8	179.7
Lb Feed/Hog Equiv.(3)	1040.7	1095.8	1094.9	850.0	690.5	613.2	753.4	716.4

* A hog equivalent is defined as a hypothetical market hog with the same hot carcass weight as the actual market hog sold less the purchase (weaner) weight.

** Average Feed Conversion $= \frac{\text{Total Feed Used}}{(1) \times 100} = \frac{(2) \times (3)}{(1) \times 100}$

the largest farms was caused mainly by pneumonia and scour problems reported by half of these farms. Farms marketing 500 to 999 hogs experienced losses of 3.2 per cent and farms marketing 1000 to 1499 hogs reported a 2.7 per cent death-loss.

The dressing-out percentage and average index tended to increase with the size of enterprise. The dressing percentage rose from 76.9 per cent on farms marketing fewer than 50 hogs up to 78.9 per cent on farms marketing 1000 to 1499 hogs. The average index rose from 98.9 points on farms marketing 50 to 99 hogs up to 103.6 on farms marketing 1000 to 1499 hogs. Enterprises marketing 1500 or more hogs per year reported a dressing per cent of 78.1 and an average index of only 101, well below the provincial average.

As enterprises increased in size, the proportion of homegrown feed used in rations declined. Farmers marketing fewer than 50 hogs reported using as much as 80 per cent homegrown feed in rations, whereas farms marketing 500 to 999 hogs reported using only 30 per cent homegrown feed. The proportion of homegrown feed on farms marketing 1000 hogs or more varied between 37 and 39 per cent.

Average feeding efficiency tended to increase with the size of the enterprise from 5.9 pounds of feed per pound of dressed pork produced on farms marketing fewer than 200 hogs per year, to between 3.4 and 4.5 pounds on farms marketing 500 hogs or more per year. However, the highest daily gain of 1.3 pounds and lowest days on feed, 148 days, were achieved by enterprises marketing 50 to 99 hogs per year. When this latter group is excluded, larger enterprises had the highest average daily gains, 1.0 to 1.1 pounds, and lowest days on feed, 170 to 176 days.

Feed use decreased from between 1,040 and 1,096 pounds of feed per hog equivalent on farms marketing fewer than 200 hogs to 613.2 pounds of feed per hog equivalent on farms marketing 1000 to 1499 hogs (Table 4). Farms marketing 500 to 999 hogs used 690.5 pounds of feed per hog equivalent, whereas about 753.4 pounds of feed were required to produce one hog equivalent on farms marketing 1500 hogs or more per year.

SECTION IV

ANALYSIS OF INVESTMENT AND LABOUR COSTS

Current Market Value of Fixed Assets

In order to assess the total investment associated with the hog enterprise, participants were asked to provide a complete inventory of their assets including barns, other buildings, manure storage and handling systems, feed storage and equipment, extra equipment and land. If the current market value was unknown, calculations were based on the year the items were purchased built, years of remaining life and replacement cost.

The average market value of fixed assets associated with the finishing enterprises was estimated at $70,710 for 1982. This value represented a 2.4 per cent drop from the previous year. As well as the estimated market value remaining relatively unchanged, the proportional distribution of investment among buildings and equipment, manure storage and handling, feed storage and equipment, machinery and other equipment, and land remained relatively unchanged from 1981. Sixty-two per cent of the total investment was allocated to buildings and equipment, 16 per cent to machinery and other equipment, 12 per cent to feed storage and equipment, and 5 per cent each to manure storage and handling, and land.

Farms with the highest hog investment of $127,274 per farm were found in Region IV, (Table 5). These farms allocated 70 per cent of total investment to buildings and equipment, 13 per cent to machinery and other equipment, 12 per cent to feed storage and equipment, three per cent to land and two per cent to manure storage and handling. In contrast, farms in Region VII reported the lowest hog investment, averaging $14,829 per farm. The proportion allocated to buildings and equipment on Region VII farms was substantially less at 42 per cent, while the allocation for land was as high as 45 per cent. Elsewhere, the average investment ranged from $17,982 per farm in Region I to $92,008 per farm in Region VI.

TABLE 5: CURRENT MARKET VALUE OF FIXED ASSETS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1982

Region	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
	- Dollars -					
I	10483	1727	910	4262	600	17982
II	41555	5412	4324	9561	2250	63102
III	31209	1337	4469	8298	1589	46901
IV	89785	3030	15071	16055	3333	127274
V	26092	5134	20953	12885	1993	67059
VI	50382	2820	7858	17049	13900	92008
VII	6174	77	1213	1030	6333	14827
ALBERTA	44021	3403	8702	10988	3596	70710

TABLE 6: CURRENT MARKET VALUE OF FIXED ASSETS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1982

Size Class	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
			Dollars			
<50	5190	70	1061	2396	1181	9899
50-99	4847	111	2178	2275	4000	13412
100- 199	6570	1750	6588	5899	1250	22056
200- 499	33398	4716	6538	13384	2650	60685
500- 999	46131	2302	5012	10580	7750	71775
1000-1499	84545	6354	16592	20470	2575	130537
≥1500	167625	12390	42154	26634	4000	252803
ALBERTA	44021	3403	8702	10988	3596	70710

As the size of enterprise increased, the total investment allocated to the finishing enterprise also increased from a low of $9899 per farm on the smallest enterprises to $252,803 per farm on the largest enterprises (≧1500 hogs). Accordingly, the proportion of investment allocated to buildings and associated equipment increased, while the percentage allocation to machinery and other equipment, and land decreased. Farmers marketing over 500 hogs assigned 64 to 66 per cent of total investments to buildings and equipment, and 11 to 15 per cent on machinery and other equipment (Table 6). Farmers marketing fewer than 500 hogs allocated only 30 to 55 per cent of total investment to buildings and equipment, and 17 to 27 per cent to machinery and other equipment.

Depreciation

For the purposes of this report, depreciation was treated as a non-cash cost associated with capital ownership. Depreciation was calculated using the straight line method where the difference between current market value and salvage value was divided by the years of remaining life. The salvage value was set at 10 per cent of the current market value.

$$\text{Depreciation} = \frac{\text{Current Market Value - Salvage Value}}{\text{Years Remaining Life}}$$

Depreciation for finishing farms in 1982 was estimated to be $4,886 (Table 7). This cost represented about seven per cent of the total hog investment value, and over five per cent of the total production cost. The allocation of depreciation cost was 49.5 per cent for buildings and equipment, 30.4 per cent for machinery and other equipment, 12 per cent to feed storage and equipment and 8.1 per cent to manure storage and handling. Regions IV and VI, which had the highest investment reported the highest depreciation costs of $7,524 and $8,355, respectively. The depreciation cost was only $1,157 in Region VII and $1277 in Region I.

As the size of enterprise increased, average depreciation on fixed assets directly increased from $898 on farms marketing fewer than 50 hogs up to $16,225 on farms marketing 1,500 hogs or more per year (Table 8). The proportion of depreciation allocated to buildings and equipment

TABLE 7: AVERAGE ANNUAL DEPRECIATION ON FIXED ASSETS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1982

Region	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Total
	- Dollars -				
I	688.93	177.47	51.38	359.43	1277.20
II	2544.06	505.65	381.44	1302.58	4733.74
III	1872.94	234.37	280.43	934.11	3321.85
IV	4034.18	405.75	945.60	2138.15	7523.68
V	1583.91	384.11	924.18	1207.20	4099.41
VI	3204.26	727.50	982.71	3440.24	8354.71
VII	485.44	7.67	380.20	283.78	1157.09
ALBERTA	2420.54	394.66	588.19	1482.47	4885.85

showed a marked increase on farms marketing 500 hogs or more at 57 to 63 per cent, as opposed to those marketing fewer than 500 hogs with 34 to 53 per cent of total depreciation allocated to buildings and equipment.

Labour Use and Costs

On most finishing farms, the operator and his family remain the main source of labour. These farm businesses must generate sufficient income to cover living expenses incurred by the family.

The average finishing enterprise in 1982 used 938.6 hours of productive man work units (Table 9). This represented only 0.375 man equivalents, indicating that on most farms, hog production was not the only source of income. One man equivalent would represent 2,500 hours per year assuming eight-hour days and 26 days per month. The total hours for 1982 dedicated to the hog enterprise decreased by 13.3 per cent over the previous year. Approximately 89 per cent of the total labour was provided by the operator, 9.3 per cent was by family, and 1.7 per cent came from hired help. The average finishing enterprise allocated approximately 39 per cent of total labour to feeding and feed preparation, 26 per cent to cleaning and manure disposal, 16 per cent to buying and marketing, eight per cent to moving and sorting, seven per cent to repairs of buildings and equipment, and four per cent to management and record keeping.

In 1982, the operator contributed on average, 835 hours of labour per farm (Table 9). Approximately 39 per cent of operator labour was allocated to feeding and feed preparation, 26 per cent to cleaning and manure disposal, 16 per cent to buying and marketing, over seven per cent each to moving and sorting, and repairs, and five per cent to management and record keeping.

Total family labour was estimated at 88 hours per farm (Table 9). About 43 per cent of family labour was spent on feeding and feed preparation, 24 per cent on cleaning and manure disposal, 15.5 per cent on moving and sorting, 11 per cent on buying and marketing, six per cent on repairs, and 0.5 per cent on management and record keeping.

TABLE 8: AVERAGE ANNUAL DEPRECIATION ON FIXED ASSETS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1982

Size Class	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Total
	- Dollars -				
< 50	468.44	12.00	139.26	278.71	898.40
50- 99	578.89	49.95	190.73	342.13	1161.69
100- 199	762.03	272.81	1116.10	855.64	3006.58
200- 499	1851.73	397.50	397.01	1673.93	4320.17
500- 999	2949.04	424.39	595.80	1389.78	5359.01
1000-1499	3735.36	789.02	1135.12	2282.11	7941.61
≥1500	8510.82	1171.35	1579.31	4963.40	16224.89
ALBERTA	2420.54	394.66	588.19	1482.47	4885.85

TABLE 9: LABOUR USE ON FINISHING ENTERPRISES, ALBERTA, 1982

	Feeding & Feed Prep.	Breeding & Farrowing	Cleaning & Manure Disp.	Moving & Sorting	Buying & Marketing	Repairs, Bldg., Equip.	Mgt. & Records	Total
	Hours (Percent)							
Operator	323.48 (34.5)	2.05 (0.2)	216.15 (23.0)	55.28 (5.9)	137.63 (14.7)	61.00 (6.5)	39.61 (4.2)	835.20 (90.0)
Family	37.55 (4.0)	n.a.	20.80 (2.2)	13.71 (1.5)	9.97 (1.1)	5.08 (0.5)	0.49 (0.1)	87.60 (9.4)
Hired	8.29 (0.9)	0.59 (0.1)	4.02 (0.4)	1.14 (0.1)	0.98 (0.1)	0.78 (0.1)	0.0 (0.0)	15.80 (1.7)
ALBERTA	369.32 (39.4)	2.64 (0.3)	240.98 (25.6)	70.12 (7.5)	148.58 (15.82)	66.86 (7.1)	40.10 (4.3)	938.60 (100.0)

The total hired labour on the average enterprise was only about 16 hours. The largest portion of the hired labour, 52.5 per cent, was spent feeding and preparing feed, 25.5 per cent on cleaning and disposing of manure, seven per cent was allocated to moving and sorting, six per cent to buying and marketing, and five per cent went to repairs of buildings and machinery.

Total labour use varied among regions from a low of 367 hours per farm in Region I to as much as 1,343 hours per farm in Region VII (Table 10). Farms in Region V required 636.5 hours of labour per farm, Region III farms used 929 hours, while farms in Regions II, IV and VI used between 1,006 to 1,128 hours. When labour is expressed relative to the amount of dressed pork produced, labour ranged from 1.03 to 1.07 hours per hundredweight of dressed pork produced on farms in Regions II, III and V, to a high of 2.43 hours of labour per hundredweight of dressed pork produced on farms in Region VII. Although the total hours used in the hog enterprise decreased by 13.3 per cent from 1981, labour utilization per hundredweight of pork increased by almost 10.6 per cent over the previous year.

Generally, as the size of the enterprise increased, the total labour hours also increased, from 378 hours on farms marketing fewer than 50 hogs up to 2,096 hours on farms marketing 1,500 hogs or more per year (Table 11). Farmers marketing between 1,000 to 1,499 hogs reported using only 973 hours. However, labour utilization per hundredweight of dressed pork produced was inversely related to size, declining from 7.18 hours per hundredweight on farms marketing fewer than 50 hogs down to 0.83 hours per hundredweight on farms marketing 1,500 hogs or more per year. The highest labour productivity of 0.57 hours per hundredweight of dressed pork was reported by enterprises finishing 1000 to 1499 hogs per year. The proportion of the total labour provided by the operator decreased from nearly 100 per cent of farms marketing fewer than 50 hogs to 80 per cent on farms marketing 1,500 hogs or more. Farmers marketing fewer than 500 hogs claimed no hired help, but on farms marketing at least 500 hogs, hired labour contributed between 1.5 and 3.5 per cent of the total labour.

TABLE 10: LABOUR USE ON FINISHING ENTERPRISES BY REGION, ALBERTA, 1982

	Region							Alberta
	I	II	III	IV	V	VI	VII	
	Hours							
Operator	367.0	837.6	700.6	959.3	600.4	1128.0	1342.7	835.2
Family	-	148.4	197.3	36.3	36.1	-	-	87.6
Hired	-	30.2	31.1	10.3	-	-	-	15.8
Total	367.0	1016.2	929.0	1005.9	636.5	1128.0	1342.7	938.6
Per Cwt Dressed Equivalent	1.39	1.03	1.07	1.20	1.05	1.16	2.43	1.15

TABLE 11: LABOUR USE ON FINISHING ENTERPRISES BY SIZE, ALBERTA, 1982

Size Class	Operator	Family	Hired	Total	Per Cwt Dressed
	- - - - - - - - - - - - - - - - Hours - - - - - - - - - - - - - - - -				
< 50	377.0	0.9	-	377.9	7.18
50- 99	365.3	11.3	-	376.6	3.69
100- 199	380.5	71.5	-	452.0	1.96
200- 499	915.8	62.7	-	978.5	2.02
500- 999	1114.0	168.3	46.4	1328.7	1.20
1000-1499	943.6	14.7	14.7	973.0	0.57
≥1500	1677.0	382.8	36.5	2096.3	0.83
ALBERTA	835.2	87.6	15.8	938.6	1.15

For the purpose of this report, operator and family labour were treated as non-cash costs. The inputed wage rates used were determined from a random survey of hired labour rates in Alberta. Operator rates were set at $6.50 per hour, whereas family rates varied depending on the type of work performed. The hired labour cost was the actual wage paid and therefore treated as a cash cost.

The 1982 average cost of labour was $6,190.51, a decrease of nearly 11 per cent from 1981. When these costs are expressed relative to production, the average labour cost was $7.59 per hundredweight of dress pork produced, an increase of about 13.5 per cent over 1981. This increase was due mainly to lower production in 1982. Operator labour was estimated at $7.01 per hundredweight of dressed pork, representing over 92 per cent of total labour cost. Family labour represented 6 per cent and hired labour only 2 per cent of the total labour costs (Table 12).

Average labour costs varied from region to region (Table 12). Enterprises in Region III recorded the lowest cost of $6.47 per hundredweight of dressed pork produced, while Region VII farms which showed the lowest labour productivity had the highest labour cost of $16.63 per hundredweight dressed. As indicated earlier, this region also reported the greatest amount of labour use. Labour costs in the other five regions ranged from $6.75 to $9.51 per hundredweight of dressed pork produced.

No hired labour was reported in Regions I, V, VI and VII. The other three regions reported hired labour costs of 12 to 18 cents per hundredweight of dressed pork produced. The operator and unpaid family labour averaged $7.48 per hundredweight of dressed pork produced. The latter portion accounted for over 98 per cent of total labour costs and about seven per cent of total production costs.

Labour costs per hundredweight of dressed pork produced declined as the size of enterprise increased, from $49.11 on farms marketing fewer than 50 hogs to $3.88 on farms marketing 1,000 to 1499 hogs per year (Table 13). Operator and unpaid family labour costs represented 100 per cent of labour costs on farms marketing fewer than 500 hogs, and about 98 per cent of total labour costs on farms marketing 500 hogs or more. Farms marketing 1500 hogs or more per year recorded labour costs of $5.59 per hundredweight of dressed pork produced.

TABLE 12: AVERAGE LABOUR COSTS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1982

Region	Hired	Operator	Family	Total
		$/cwt dressed		
I	-	9.51	-	9.51
II	0.15	5.79	0.81	6.75
III	0.18	5.51	0.78	6.47
IV	0.12	7.84	0.15	8.11
V	-	6.80	0.20	7.00
VI	-	7.95	-	7.95
VII	-	16.63	-	16.63
ALBERTA	0.11	7.01	0.47	7.59

TABLE 13: AVERAGE LABOUR COSTS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1982

Size Class	Hired	Operator	Family	Total
		$/cwt dressed		
< 50	-	49.05	0.06	49.11
50 - 99	-	24.55	0.38	24.93
100 - 199	-	11.32	1.07	12.39
200 - 499	-	12.93	0.44	13.37
500 - 999	0.19	6.91	0.52	7.62
1000 - 1499	0.09	3.76	0.03	3.88
≥1500	0.09	4.57	0.93	5.59
ALBERTA	0.11	7.01	0.47	7.59

SECTION V

CASH COSTS

Feed Costs

Because feed is a major contributing factor to the total cost of raising hogs, emphasis was placed on recording all of the feed used on the farm for the 1982 production year. Home-grown feeds were valued by applying the prevailing regional elevator prices provided by the Alberta Grain Commission. Other home-grown feeds were valued at the current market price.

Feed costs, which included costs of feed processing and trucking, accounted for 33.3 per cent of the total production costs, and 37.9 per cent of the cash costs. The average feed cost per hundredweight of dressed pork produced on finishing enterprises was $36.75, down 5.7 per cent from 1981 costs. Feed costs varied among regions ranging from a low of $29.84 per hundredweight dressed in Region III to a high of $39.71 per hundredweight dressed in Region II (Table 14). The proportion of feed costs to total cash costs ranged from 33 per cent in Region III to 46.8 per cent in Region VII. Regions I, IV, V, VI and VII reported feed costs of $37.35, $39.20, $36.83, $36.10 and $33.52 per hundredweight dressed, respectively.

Farms marketing fewer than 500 hogs reported feed costs ranging between $36.15 and $46.14 per hundredweight of dressed pork produced (Table 15). Farms marketing between 500 to 999 hogs reported feed costs of $35.85 per hundredweight dressed. The lowest feed costs were on farms marketing 1,000 to 1,499 hogs with costs of $32.47 per hundredweight. However, farms marketing 1,500 hogs or more per year reported feed costs of $39.79 per hundredweight of dressed pork produced. The proportion of feed costs to total cash costs ranged between 39 and 51 per cent on farms marketing fewer than 500 hogs, and 36 to 38 per cent on farms marketing 500 hogs or more per year.

TABLE 14: ESTIMATED CASH COSTS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1982

Region	Feed Costs	Other Cash Costs	Total Cash Costs
	- - - - - - - - $/cwt dressed - - - - - - - - - -		
I	37.35	43.23	80.57
II	39.71	60.97	100.69
III	29.84	60.67	90.52
IV	39.20	62.22	101.42
V	36.83	68.18	105.02
VI	36.10	57.26	93.36
VII	33.52	38.09	71.62
ALBERTA	36.75	60.22	96.96

TABLE 15: ESTIMATED CASH COSTS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1982

Size Class	Feed Costs	Other Cash Costs	Total Cash Costs
	- - - - - - - - $/cwt dressed - - - - - - - -		
< 50	44.90	66.36	111.26
50- 99	36.15	56.54	92.69
100-199	46.14	44.37	90.50
200-499	41.53	59.21	100.74
500-999	35.85	59.92	95.77
1000-1499	32.47	57.52	89.99
≥1500	39.79	64.75	104.53
ALBERTA	36.75	60.22	96.96

Other Cash Costs

Other cash costs include such out-of-pocket expenses as livestock purchases, bedding, veterinarian and medical expenses, chemicals and disinfectants, hired manure disposal, hired labour, hog trucking, marketing and assemply charges, operating and repair costs, taxes, insurance and utilities, accounting and professional dues, interest of 15.5 per cent on operating expenditures and actual interest paid on capital loans.

The other cash costs for the average finishing enterprise amounted to $60.22 per hundredweight dressed, which represented about 62 per cent of total cash costs and 54.5 per cent of total production costs. The major components in the other cash costs were the purchase costs of weaners and feeders, which averaged $41.92 per hundredweight dressed, or 69.6 per cent of the other cash costs, 43.2 per cent of total cash costs and 38 per cent of total production costs.

Region V reported the highest other cash costs of $68.18 per hundredweight of dressed pork produced. The other cash costs ranged between $60.67 and $62.22 per hundredweight dressed in Regions II, III and IV (Table 14); Region VI reported costs averaging $57.26 per hundredweight dressed. The two regions which indicated the lowest other cash costs per hundredweight were Regions I and VII with $43.23 and $38.09, respectively. On a percentage basis, other cash costs comprised over 53 per cent of total cash costs in Region VII and I, and between 60 and 67 per cent of total cash costs in the other regions.

In relation to the size of operation, the amount of other cash costs varied from $44.37 per hundredweight of dressed pork produced on farms marketing 100 to 199 hogs to $66.36 on farms marketing fewer than 50 hogs per year (Table 15). Elsewhere other cash costs ranged between $56 and $60 per hundredweight dressed, except on the largest finishing farms (≥1500 hogs) where the cost was $64.75 per hundredweight dressed. The proportion of other cash costs to total cash costs varied from 49 to 60 per cent on farms marketing fewer than 500 hogs, and from 62 to 64 per cent on farms marketing a minimum 500 hogs per year.

Total Cash Costs

Total cash costs are the out-of-pocket expenses associated with the finishing enterprise; by definition total cash costs include the value of home-grown feeds. The average cash costs reported for finishing enterprises were $79,171 or $96.96 per hundredweight of dressed pork produced. These costs represented 87.8 per cent of total production costs, a 10.5 per cent increase over 1981 cash costs. The average cash costs varied across the regions from $71.62 per hundredweight of dressed pork produced in Region VII up to more than $100 per hundredweight dressed in Regions II, IV and V (Table 14). Regions I, III and VI reported cash costs lower than the provincial average, $80.57, $90.52 and $93.36 per hundredweight, respectively. Cash costs as a proportion of total production costs amounted to 79 per cent in Region VII, and 85 per cent in Regions I and VI, and up to 90 per cent in Regions III and IV.

Total cash costs per hundredweight dressed varied widely according to the size of enterprise. The lowest costs of $89.99 per hundredweight of dressed pork produced were reported by farms marketing 1,000 to 1,499 hogs (Table 15), whereas the highest costs of $111.26 per hundredweight dressed were reported by the smallest farms, marketing fewer than 50 hogs per year. Cash costs in the remaining size classes ranged from $90.50 to $104.53 per hundredweight dressed.

The proportion of cash costs to total production costs noticeably increased as the size of the enterprise increased, from 63 per cent on farms marketing fewer than 50 hogs up to 91.5 per cent on farms marketing between 1,000 and 1,499 hogs. Farmers marketing 500 to 999 hogs reported cash costs of $95.77 per hundredweight dressed, which represented 88.6 per cent of their total production costs.

SECTION VI

SUMMARY OF RETURNS AND COSTS

Profit in an enterprise should be sufficient to provide for living expenses, payments of debts, and provide for future investment. To determine profitability, we must examine returns and costs associated with the enterprise. Indicators for analyzing profitability are returns to farm assets and return to farm equity or profit.

For the purpose of this study, total returns included actual hog sales, government support payments, other hog receipts and a dollar value adjustment for inventory change. Other hog receipts included a value for hogs consumed on farm, and sales of by-products such as manure. As the major source of information regarding hog sales was the hog carcass grading certificates, the records were accurate and complete. Any other income such as private sales was provided by the producer. The value of inventory change, hogs consumed and gifts were determined using the average market price.

When examining costs associated with the hog enterprise, most cash expenses were taken directly from financial records. If complete records were unavailable, the operator was requested to make as accurate an estimate as possible for deficient areas. Home-grown feed was treated as a cash cost and valued at the average regional elevator prices provided by the Alberta Grain Commission. An interest charge of 15.5 per cent was also applied to all cash operating expenses including home-grown feed.

The average return on finishing farms in 1982 was $91,273 per farm or $111.79 per hundredweight of dressed pork produced (Table 16). This return represented an increase of 15.5 per cent over 1981 returns. The highest returns of $114,423 per farm were found in Region II, followed by Region VI with returns of $105,103 per farm. Regions III and IV had average returns of $95,082 and $95,392 per farm, respectively, compared with average returns reported by Regions V and VII of $57,032 and $55,649 per farm, respectively. The lowest returns of $27,222 per farm were reported in Region I. Average returns per hundredweight of dressed pork produced were lowest in Region VII at $100.61 versus $115.42 in Region II.

TABLE 16: ESTIMATED RETURNS AND COSTS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1982

	Region							Alberta
	I	II	III	IV	V	VI	VII	
	Dollars							
RETURNS								
Returns/Cwt Dressed	102.97	115.42	109.25	113.78	110.84	108.11	100.61	111.79
TOTAL RETURNS	27221.80	114422.70	95082.35	95391.67	67031.50	105103.31	55648.86	91273.04
COSTS								
Feed Costs/Cwt Drs.	37.35	39.71	29.84	39.20	36.83	36.10	33.52	36.75
Other Cash Costs/Cwt Drs.	43.23	60.97	60.67	62.22	68.18	57.26	38.09	60.22
Total Cash Costs/Cwt Drs.	80.57	100.69	90.52	101.42	105.02	93.36	71.62	96.96
Non-Cash Costs/Cwt Drs.	14.34	11.37	10.11	16.96	13.78	16.54	18.72	13.46
Total Costs/Cwt Drs.	94.91	112.05	100.62	118.38	118.80	109.90	90.34	110.42
TOTAL COSTS	21300.60	111081.15	87572.90	99248.19	71845.53	106837.92	49967.56	90157.98
Return Over Cash Cost/Cwt Drs.	22.40	14.70	18.70	12.43	5.80	14.80	29.0	14.80
Net Returns/Cwt Drs. (Return to Management)	8.06	3.37	8.63	(4.60)	(7.96)	(1.78)	10.27	1.37
Return on Investment (%)	11.9	8.8	19.1	1.0	(6.7)	(1.6)	40.3	4.3

The average feed cost per hundredweight of dressed pork produced on finishing enterprises was $36.75. Regions reporting higher feed costs than average included Regions I, II, IV and V at $37 to $44 per hundredweight dressed, in contrast with Region III which reported the lowest feed cost of $29.84 per hundredweight dressed (Table 16). Regions VI and VII had feed costs per hundredweight dressed of $36.10 and $33.52, respectively.

Finishing enterprises reported average 'other cash costs' of $49,167 or $60.22 per hundredweight of dressed pork produced. Four regions, Regions II, III, IV and V, had higher other cash costs averaging about $61 to $68 per hundredweight of dressed pork produced compared with Regions I and VII, respectively, with the lowest other cash costs of per hundredweight dressed of $43.23 and $38.09. Region VI reported an average other cash cost of $57.26 per hundredweight dressed.

The non-cash costs included such costs as operator and family labour, and depreciation of buildings and equipment. The average non-cash costs on finishing enterprises was $13.46 per hundredweight of dressed pork produced. Only Regions II and III reported lower non-cash costs than the average, these being $11.37 and $10.11 per hundredweight dressed, respectively. The highest non-cash costs per hundredweight dressed were reported in Region VII at $18.72 and Regions IV and VI at $16.96 and $16.54, respectively. Enterprises in Regions I and V had average non-cash costs of $14.34 and $13.78 per hundredweight dressed, respectively.

Total production costs amounted to $90,158 per farm or $110.42 per hundredweight of dressed pork produced (Table 16). Although the total costs decreased from 1981 levels, unit production costs rose by 5 percent over 1981 costs. The higher purchase cost of weaners and feeders was the major cause for increased costs in 1982. The lowest costs per hundredweight dressed were reported by Regions I and VII, with $94.91 and $90.34, respectively. The highest costs of $118.38 and $118.80 per hundredweight were reported by Regions IV and V, respectively.

The gross margin or return over cash costs is the contribution left for unpaid family and operator labour, depreciation and management. The average gross margin was $14.80 per hundredweight dressed. All regions covered their cash costs with returns ranging from $5.80 per hundred-

weight in Region V up to $29.00 per hundredweight in Region VII. The return over cash costs per hundredweight dressed was $22.40, $14.70, $18.70, $12.43, $14.80 in Regions I, II, III, IV and VI, respectively.

Return to management or profit represents the residual between total income and total costs. The average finishing enterprise indicated a profit of $1.37 per hundredweight of dressed pork produced in 1982. Regions I, II, III and VII showed profits of $8.06, $3.37, $8.63 and $10.27 per hundredweight dressed, respectively (Table 16). Estimated losses of between $1.78 and $7.96 per hundredweight dressed were recorded in Regions IV, V and VI.

Generally, as the size of the enterprise increased, the total returns increased as did the returns per hundredweight of dressed pork produced. Total returns rose from $5,713 per year on farms marketing fewer than 50 hogs, to $288,399 on farms marketing 1,500 hogs or more per year. The returns per hundredweight of dressed pork produced varied between $98.92 and $108.54 on farms marketing fewer than 500 hogs, as against $111.12 and $114.83 on farms marketing 1,500 hogs or more per year. Farms marketing 500 to 999 hogs reported returns of $125,038.50 per year or $113.26 per hundredweight dressed pork produced.

Feed costs per hundredweight of dressed pork produced were generally higher on smaller operations. With one exception, these costs ranged between $41.53 and $46.14 per hundredweight dressed on farms marketing fewer than 500 hogs, (Table 17). The exception occurred on farms marketing 50 to 99 hogs, which reported feed costs of $36.15 per hundredweight dressed. On farms marketing 500 hogs or more, feed costs ranged from $32.47 to $39.79 per hundredweight dressed. The lowest feed cost of $32.47 per hundredweight of dressed pork produced was reported on farms marketing 1,000 to 1,499 hogs. Farms marketing 500 to 999 hogs reported feed costs of $35.85 per hundredweight of dressed pork produced.

Total cash costs varied with the size of enterprise. The lowest cash costs per hundredweight of dressed pork produced of $89.99 were reported on farms marketing 1,000 to 1,499 hogs, whereas the highest costs of $111.26 were reported on farms marketing fewer than 50 hogs. Farms marketing between 500 to 999 hogs reported cash costs of $95.77 per hundredweight of dressed pork produced.

TABLE 17: RETURNS AND COSTS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1982

	Size Class							Alberta
	<50	50-99	100-199	200-499	500-999	1000-1499	≥1500	
	Dollars							
RETURNS								
Returns/Cwt Dressed	108.54	98.92	104.54	105.06	113.26	111.12	114.83	111.79
TOTAL RETURNS	5712.92	10085.31	24067.98	50967.18	125038.50	191219.41	288398.82	91273.04
COSTS								
Feed Costs/Cwt Drs.	44.90	36.15	46.14	41.53	35.85	32.47	39.79	36.75
Other Cash Costs/Cwt Drs.	66.36	56.54	44.37	59.21	59.92	57.52	64.75	60.22
Total Cash Costs/Cwt Drs.	111.26	92.69	90.50	100.74	95.77	89.99	104.53	96.96
Non-Cash Costs/Cwt Drs.	66.18	36.32	25.44	22.28	12.29	8.40	11.96	13.46
Total Costs/Cwt Drs.	177.43	129.02	115.95	123.02	108.06	98.39	116.49	110.42
TOTAL COSTS	9338.79	13153.43	26695.80	59679.52	119293.18	169315.19	292570.29	90157.98
Return Over Cash/Cwt Drs.	(2.70)	6.23	14.04	4.32	17.49	21.13	10.30	14.80
Net Returns/Cwt Drs. (Return to Management)	(68.89)	(30.09)	(11.41)	(17.96)	5.20	12.73	(1.66)	1.37
Return on Investment (%)	(36.1)	(22.5)	(11.9)	(10.1)	9.9	20.7	1.0	4.3

Non-cash costs per hundredweight of dressed pork produced were substantially higher on smaller farms. These costs declined from $66.18 per hundredweight dressed on farms marketing fewer than 50 hogs to $8.40 per hundredweight dressed on farms marketing 1,000 to 1,499 hogs (Table 17). Similarly, total production costs declined from $177.43 per hundredweight dressed on farms marketing less than 50 hogs to $98.39 per hundredweight dressed on farms marketing 1,000 to 1,499 hogs. Farmers marketing 500 to 999 reported non-cash costs of $12.29 per hundredweight dressed, and total production costs of $108.06 per hundredweight of dressed pork produced.

The only size class to report a negative gross margin of $2.70 per hundredweight dressed was farms marketing fewer than 50 hogs. Returns over cash costs per hundredweight dressed ranged from $4.32 on farms marketing 200 to 499 hogs up to $21.13 on farms marketing 1,000 to 1,499 hogs. The size of operation which proved most profitable was farms marketing 1,000 to 1,499 hogs with profit or return to management of $12.73 per hundredweight of dressed pork produced. The only other size class to show profits was farms marketing 500 to 999 hogs, with a return of $5.20 per hundredweight dressed. Estimated losses ranged from $68.89 per hundredweight dressed on the smallest finishing enterprises to $1.66 per hundredweight dressed on the largest enterprises (≧1500 hogs).

The percentage return on investment is often used as an indicator of the financial performance of a business. It represents the portion earned on the operator's equity and borrowed capital. The average finishing operation realized a 4.3 per cent return on investment in 1982. Regions V and VI did not realize returns, in contrast to enterprises in the southern regions which had returns of 8.8 to 19.1 per cent (Table 16). Region VII reported the a highest return on investment of 40.3 per cent.

The average return on investment was positive on farms marketing 500 hogs or more per year, the highest rate of 20.7 per cent being reported on farms marketing 1,000 to 1,499 hogs, followed by enterprises marketing 500 to 999 and 1,500 hogs or more with 9.9 and 1.0 per cent, respectively (Table 17). Finishing farms marketing fewer than 500 hogs per year showed no return on investment.

SECTION VII

A THREE-YEAR COMPARISON, 1980-1982

The estimated market value of finishing enterprises varied between $43,639 in 1980 and $72,443 in 1981. The average market value for 1982 was $70,710, 2.4 per cent below the 1981 investment value. Although total market value fluctuated over the three year period, the proportions of investment allocated to buildings and equipment, manure storage and handling, feed storage and equipment, machinery and other equipment and land remained relatively unchanged.

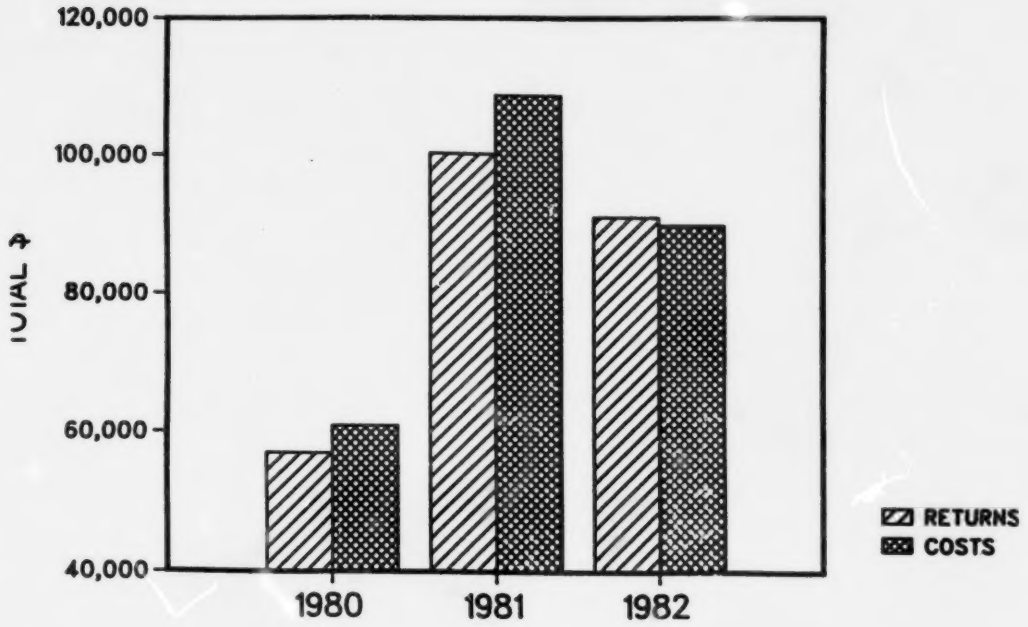
Graphs 1a and 1b indicate the average returns and costs associated with finishing enterprises over the three year period. The gross returns per hundredweight of dressed pork produced indicate a 23 per cent increase in 1981 over 1980, and 15.5 per cent increase in 1982 over 1981 (Graph 1b). The overall increase in gross returns per farm for the three year period was almost 43 per cent. Data from the APPMB show similar trends in the average yearly hog prices, which increased 44 per cent over the same period.

Total costs per hundredweight of dressed pork produced, steadily increased to $110.42 in 1982 from $83.79 in 1980, an increase of almost 32 per cent (Table 19). The greatest increase was the purchase cost of weaners and feeders, accounting for 70 per cent of the total increase over the three year period. The price input index for Western Canada reports a 62 per cent increase over the same period. Feed costs comprised the largest component of the total costs. The 1980 results reported feed costs at $35.63 per hundredweight dressed. In 1981 feed costs increased by over nine per cent, and then decreased in 1982 by almost six per cent to $36.75 per hundredweight dressed. These trends in feed costs correspond to trends depicted by the crop production input price index for Western Canada, a 14 per cent increase in 1981 and a six per cent decrease in 1982.

Finishing enterprises were relatively unprofitable over the three years under review. 1982 was the only profitable production year. The 1982 gross margin of $14.80 per hundredweight of dressed pork produced

Graph 1a.

ESTIMATED COSTS AND RETURNS



Graph 1b.

ESTIMATED COSTS AND RETURNS

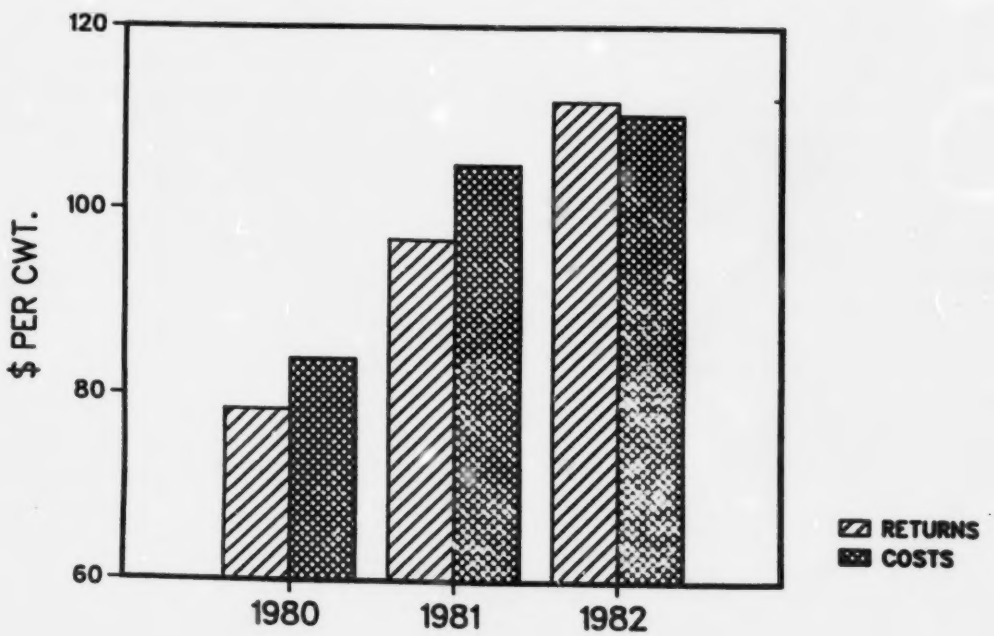


TABLE 18: AVERAGE MARKET VALUE OF FIXED ASSETS FOR FINISHING ENTERPRISES

	1980	1981	1982
		$	
Buildings & Equip.	27731	45135	44021
Manure Storage Handling	1951	3953	3403
Feed Storage & Equip.	3497	7866	8702
Machinery & Other Equip.	8326	12874	10988
Land	2135	2616	3596
TOTAL	43639	72443	70710

TABLE 19: ESTIMATED RETURNS AND COSTS FOR FINISHING ENTERPRISES

	1980	1981	1982
		$	
RETURNS			
Returns/cwt Dressed	78.38	96.78	111.79
TOTAL RETURNS	57039.76	100418.56	91273.04
COSTS			
Feed Costs/cwt. Dressed	35.63	38.98	36.75
Other Cash Costs/cwt. Dressed	33.42	48.80	60.22
Total Cash Costs/cwt. Dressed	69.05	87.78	96.96
Non-Cash Costs/cwt. Dressed	14.74	17.12	13.46
Total Costs/cwt Dressed	83.79	104.90	110.42
TOTAL COSTS	60977.29	108845.98	90157.98
Gross Margin	9.33	9.00	14.80
Net Returns/cwt Dressed	(5.41)	(8.12)	1.37
Return on Investment	(1.86)	(3.09)	4.3

represented an increase of 59 per cent over 1980 levels and 64 per cent over 1981. Indeed, while finishing enterprises showed a profit of $1.37 per hundredweight of dressed pork produced in 1982, losses of $5.41 and $8.12 per hundredweight dressed were recorded in 1980 and 1981, respectively. Similarly, the estimated return on investment in 1982 was 4.3 per cent, compared with no return on investment in the other two production periods.

SECTION VIII

SUMMARY AND CONCLUSION

Summary

A three year study of the economics of hog production in Alberta was initiated by the production economics branch of Alberta Agriculture. The main purpose of this study was to provide an accurate account of input costs and the economic performance of hog production in Alberta. The study covers the 1980, 1981 and 1982 production years. This report provides the information regarding finishing enterprises for the 1982 production year, the final year of the survey.

This report includes data gathered from 51 finishing operations in the province. Each participant was interviewed. In turn, each received a detailed analysis of his finishing operation, and provincial, regional and size class averages to allow for comparison. The average age of the operators on the study was 41 years, with 15 years of farming experience, 14 years of which were directly related to hog farming.

The three classes of ownership used for identifying finishing operations were single proprietorship, partnerships and corporations. Of the total operations surveyed, 76 per cent were described as being single proprietorship, 20 per cent as partnerships and the remaining four per cent corporations. Corporations were reported only in Region IV and on farms marketing 500 to 999 hogs per year. Regions I and VII, as well as the operations in the smallest and largest classes, contained primarily single proprietorships.

On average the participants farmed 729 acres. Three-quarters of this total acreage was developed and 72 per cent was deeded. Acreage was inversely related to size of operation; the larger farmers marketing between 1,000 to 1,499 hogs farmed 479 acres, whereas those farms marketing 100 to 199 hogs farmed 1,260 acres.

Hog receipts on finishing enterprises contributed approximately 69 per cent of the total farm receipts, estimated at $153,400 per farm. The

proportion of hog receipts to total farm receipts increased as the average number of hogs marketed per farm increased. Total farm assets were estimated at $562,383 per farm with over 12 per cent directly related to the hog enterprise. Equity was estimated at about 84 per cent or $472,800 per farm.

During the 1982 production year, the average finishing enterprise on the study handled about 949 head. Weaners were purchased at an average weight of 45.2 pounds and finished to nearly 217 pounds live. Death-losses accounted for 4.4 per cent. The total production per farm was 1,037.5 hundredweight live or 816.5 hundredweight dressed, representing 603.9 hog equivalents. A hog equivalent is a hypothetical market hog with the same hot carcass weight as the actual market hog sold less the purchase (weaner) weight. The hogs were marketed at 170.5 pounds dressed and indexed 102.2.

Fifty-two per cent of the total feed used was reported as home-grown. Grain represented about 50 per cent of the feed, with barley comprising 91 per cent of the grain. The remaining 48 per cent consisted of other feed ingredients such as purchased rations and supplements.

On the average, finishing a weaner to 217 pounds live required 716.4 pounds of feed and took 180 days. The average daily gain was one pound and the associated feed conversion was 4.2 pounds of feed per pound of dress pork produced, or 3.2 pounds of feed per pound of live weight produced.

The larger enterprises, found mainly in Regions IV, II and VI, handled 1,019, 1,153 and 1179 head, respectively. Regions I and VII, handled the fewest head, 261 and 481 head per farm, respectively. On the production side, Region VI indicated the greatest level of production at 740.9 hog equivalents per farm. Region I and VII had the lowest level of production at 179.5 and 409.1 hog equivalents per farm, respectively. The remaining Regions II, III, IV and V indicated production at 733.8 673.1, 585.9 and 451.7 hog equivalents, respectively.

Except for Regions I and V, the average indexes for hogs did not vary much among regions. The index varied between 101.3 and 101.5 in Regions I and V, and 102.0 to 102.6 in the other five regions.

Generally, death-losses were reported at 1.4 to 4.1 per cent of the head handled in all regions except Region IV. In Region IV, a few larger operations experienced bouts of scours and pneumonia which caused the average death-loss in the region to reach 8.5 per cent.

Finishing farms in the three southern regions reported better feed conversions than elsewhere in the province. Feed conversion ranged between 3.4 and 4.0 pounds of feed per pound of live weight produced in the south, and 4.1 and 4.7 pounds in the other five regions.

The average days on feed for finishing hogs ranged from 156 to 175 in the south compared with 187 to 202 days in the other regions. The only exception was Region VII which reported 130 days, the lowest days on feed. The average daily gain was 1.0 to 1.2 pounds in the south, 0.8 and 0.9 pound in regions IV, V and VI, and 1.3 pounds in Region VII.

Weaner purchase weights varied with the size of operation, with the larger enterprises tending to purchase weaners at heavier weights, 42 to 48 pounds. In contrast, the purchase weights of weaners on farms marketing fewer than 500 hogs varied between 35 and 44 pounds.

Excluding enterprises which marketed 1500 hogs or more per year, death-losses varied from 2.3 per cent on farms marketing 100 to 199 hogs to 4.2 per cent on farms marketing fewer than 50 hogs. As a result of serious herd health problems on a few farms, farms marketing 1,500 hogs or more per year recorded death-losses of 8.6 per cent.

The dressing-out percentage and average index tended to increase as the size of enterprise increased. The dressing percentage rose from 76.9 per cent on farms marketing fewer than 50 hogs up to 78.9 per cent on farms marketing 1,000 to 1,499 hogs per year. Likewise, the average index increased from 98.9 on farms marketing 50 to 99 hogs up to 103.6 on farms marketing 1,000 to 1,499 hogs per year.

An inverse relationship was found between size of enterprise and proportion of homegrown feed used in rations. The proportion of homegrown feeds decreased from as high as 79.8 per cent in farms marketing fewer than 50 hogs per year to between 30 and 39 per cent on farms marketing 500 hogs or more per year. The best feeding efficiencies were reported by the larger enterprises. Farms marketing 500 hogs or more reported average feed conversions of 3.4 to 4.5 pounds of feed per pound

of dressed pork produced, in contrast to 5 to 6 pounds on the smaller finishing farms.

The current market value of assets associated with the finishing enterprise was $70,710 in 1982. This total investment was allocated as follows: 62 per cent to buildings and equipment, 16 per cent to machinery and other equipment, 12 per cent to feed storage and equipment, and five per cent each to manure storage and handling, and to land.

The highest market value of investment of $127,274 per farm was estimated on farms in Region IV. Region VII reported the lowest investment, $14,829 per farm. The average investment ranged from $17,982 to $92,000 in the other regions. Farms marketing 500 hogs or more per year reported average investment greater than the provincial average, increasing from $71,775 to $252,803 on the largest operations. The smallest farms, marketing fewer than 50 hogs per year, reported an average market value of assets at $9,899 per farm.

Depreciation on finishing enterprises was estimated at $4,886. This represented seven per cent of the total investment value, and over five per cent of the total production cost.

Regions IV and VI, having the highest investment in hogs, reported the highest depreciation of $7,524 and $8,355, respectively, while the lowest depreciation of less than $1,300 was estimated for Regions I and VII. As the size of enterprise increased, depreciation directly increased from $898 on farms marketing fewer than 50 hogs to $16,225 on farms marketing 1,500 hogs or more per year.

The average finishing enterprise in 1982 required 938.6 hours of labour. Approximately 89 per cent or 835 hours was provided by the operator, 9.3 per cent or 88 hours came from family, and 1.7 per cent or 16 hours was from hired help. Of the total labour, 39 per cent was allocated to feeding and feed preparation, 26 per cent to cleaning and manure disposal, 16 per cent to buying and marketing, over seven per cent each to moving and sorting, and to repairs of buildings and equipment, and four per cent to management and record keeping.

The average labour required per region varied from 367 hours per farm in Region I to 1,343 hours in Region VII. However, when labour is expressed relative to actual production it took 1.4 hours to produce one hundredweight of dressed pork produced in Region I compared with 2.4

hours in Region VII. Labour productivity averaged 1.03 to 1.07 hours per hundredweight of dressed pork produced on farms in Regions II, III and V, and 1.16 to 1.20 hours in Regions IV and VI.

Total labour hours increased as the size of enterprise increased, from 378 hours on farms marketing fewer than 50 hogs per year up to 2,096 hours on farms marketing 1,500 hogs or more per year. The improvement in labour productivity was quite significant as the enterprise increased in size. Labour use per hundredweight dressed pork produced decreased from 7.18 hours on farms marketing fewer than 50 hogs to 0.57 hour on farms marketing 1,000 to 1,499 hogs per year, and 0.83 hours on farms marketing 1,500 hogs or more per year.

The average labour cost on finishing enterprises was $7.59 per hundredweight of dressed pork produced. Operator labour cost represented over 92 per cent of total labour cost or $7.01 per hundredweight dressed, while family labour and hired labour contributed six and two per cent to total labour costs, respectively.

Enterprises in Region III recorded the lowest labour costs of $6.47 per hundredweight of dressed pork produced. The highest costs of $16.63 occurred in Region VII, whereas in the other regions labour ranged from $6.75 to $9.51 per hundredweight of dressed pork produced.

As the size of enterprise increased, labour costs declined from $49.11 per hundredweight dressed on farms marketing fewer than 50 hogs to $3.88 per hundredweight dressed on farms marketing 1,000 to 1,499 hogs per year. Operator and unpaid family labour costs represented almost 100 per cent of total labour costs on farms marketing less than 500 hogs per year. The operator and unpaid family labour cost comprised about 98 per cent of total labour costs on the other operations.

Feed costs per hundredweight of dressed pork produced averaged $36.75 on finishing farms, down 5.7 per cent from the 1981 production year. These costs accounted for 38 per cent of total cash costs and 33 per cent of total production costs. The feed costs per hundredweight dressed varied among regions from $29.84 in Region III to $39.71 in Region II. Farms marketing fewer than 500 hogs reported feed costs ranging from $36.15 to $46.14 per hundredweight dressed pork; farms marketing between 500 to 999 hogs reported feed costs of $35.85 per hundredweight dressed. The best feed efficiency occurred on farms

marketing 1,000 to 1,499 hogs with costs of $32.47 per hundredweight dressed, while farms marketing 1,500 hogs or more per year reported costs of $39.79 per hundredweight dressed.

The other cash costs for the average finishing enterprise amounted to $60.22 per hundredweight dressed. These costs represented 62 per cent of the total cash costs and 54.5 per cent of the total production cost. The major cost input in the other cash costs was weaner and feeder purchases, which comprised 69.6 per cent of total cash costs. Other cash costs ranged from $68.18 per hundredweight of dressed pork produced in Region V to $38.09 per hundredweight dressed in Region VII. The range in other cash costs by size of operation was from $44.37 per hundredweight dressed on farms marketing 100 to 199 hogs to $66.36 on farms marketing fewer than 50 hogs per year.

The total cash or out-of-pocket expenses reported for finishing enterprises were $79,171 per farm or $96.96 per hundredweight of dressed pork produced. Of the total production cost, cash costs represented 87.8 per cent. This cost varied from $71.62 per hundredweight dressed in Region VII to $105.02 per hundredweight dressed in Region V. The range in cash costs among sizes of operations was from $89.99 per hundredweight dressed on farms marketing 1,000 to 1,499 hogs to $111.26 per hundredweight dressed on the smallest farms.

The average returns for 1982 were estimated at $91,273 per farm or $111.79 per hundredweight of dressed pork produced. The highest returns of $114,423 per farm were reported in Region II; Region I averaged the lowest returns of $27,222 per farm. Returns relative to production indicated that Region VII had the lowest income per hundredweight of dressed pork at $100.61 compared to the highest in Region II at $115.42.

Average returns increased with the size of operation from $5,713 per year on farms marketing fewer than 50 hogs to $288,399 on farms marketing 1,500 hogs or more per year. Expressed per hundredweight dressed, the range was from $98.92 on farms marketing 50 to 99 hogs to $114.83 on farms marketing 1,500 hogs or more per year.

Total returns increased 15.5 per cent over 1981 returns, while production costs increased by only 5 per cent. Of the total production cost of $110.42 per hundredweight of dressed pork produced, feed costs accounted for 33.3 per cent, other cash costs 54.5 per cent and non-cash

costs 12.2 per cent. The lowest production costs were reported in Region VII at $90.34 per hundredweight dressed compared with $118.80 per hundredweight dressed in Region V. As the size of operation increased, average costs per hundredweight dressed decreased from $177.43 on farms marketing less than 50 hogs to $98.39 on farms marketing 1,000 to 1,499 hogs per year.

The 1982 gross margin for finishing enterprises showed a substantial increase over the previous year from $5.80 per hundredweight of dressed pork produced to $14.80 per hundredweight dressed. All regions were able to cover the cash costs with positive gross margins of between $5.80 per hundredweight (Region V) to $29 per hundredweight of dressed pork produced (Region VII). The only regions to indicate losses were Regions IV, V and VI with negative returns to management of $4.60, $7.96 and $1.78 per hundredweight, respectively. Profits ranged from $3.37 to $10.27 per hundredweight dressed in the other four regions, the sample average being $1.37 per hundredweight of dressed pork produced.

All sizes of enterprises showed positive gross margins except the smallest size which indicated losses of $2.70 per hundredweight of dressed pork produced. The highest gross margins of $21.13 per hundredweight was received on farms marketing 1,000 to 1,499 hogs. Only farms marketing 500 to 1,499 hogs per year showed profits from $5.20 to $12.73 per hundredweight dressed. In contrast, the largest farms reported losses of $1.66 per hundredweight of dressed pork produced. Losses were greater on smaller farms, ranging between $11.41 per hundredweight dressed on farms marketing 100 to 199 hogs to $68.89 on farms marketing fewer than 50 hogs per year.

The average finishing enterprise realized a 4.3 per cent return on investment. This varied from one per cent in Region IV to 40.3 per cent in Region VII. Enterprises in Region VII, as will be recalled, had the lowest investment of $14,827 per farm. Regions V and VI did not realize a return on investment.

Only farms which marketed 500 hogs or more per year realized returns on investment. Average returns on these farms varied from a low of one per cent on farms marketing 1500 hogs or more per year to a high of 20.7 per cent on farms marketing 1,000 to 1,499 hogs per year.

A comparison of results for the three production years 1980, 1981 and 1982 indicated that only the 1982 production year was profitable. The levels of investment of the participants did vary over the three-year period, but the proportional distribution of investment within the enterprise remained virtually unchanged. Total returns increased by 23 per cent in 1981 and by 15.5 per cent in 1982, a 43 per cent increase over the three-year period. Costs increased by 32 per cent over the same time.

In summary, for one dollar of income received by the finishing enterprise in 1982, 33 cents was spent on feed, 38 cents on purchasing of weaners and feeders, 16 cents on other cash costs, 7 cents on operator and family labour, 5 cents on depreciation and 1 cent was left over as profit (Figure 2).

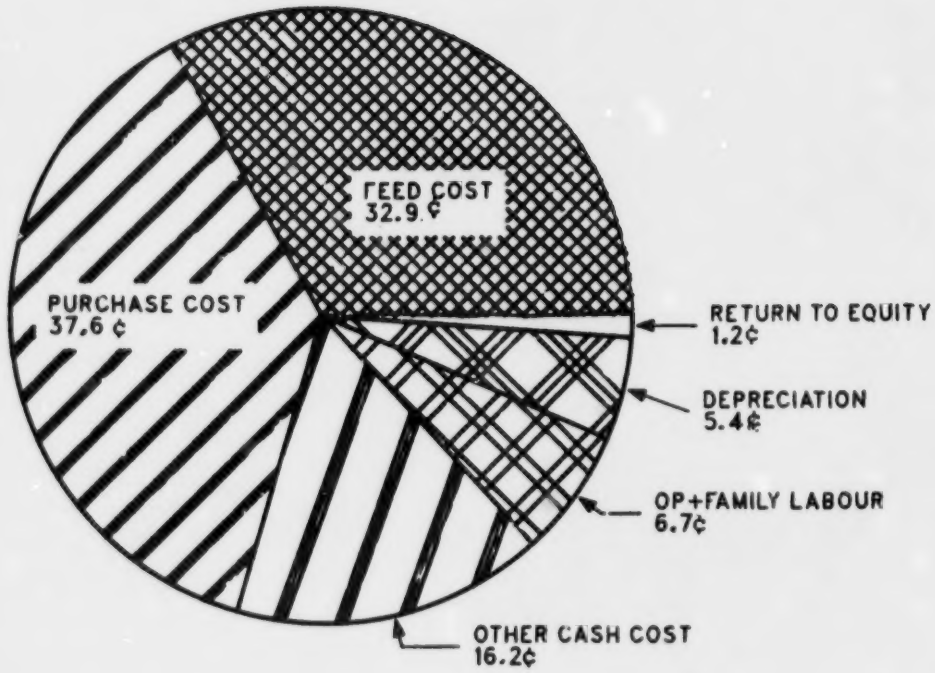
Conclusion

The conclusions for the final year of the finishing study reinforce the trends of the previous years. The findings include the following:

1. There has been a noticeable reduction in the number of finishing hog enterprises in Alberta particularly the smaller, less efficient enterprises.
2. The operator and his family are the main sources of labour on the finishing enterprises.
3. The proportion of home-grown feed used in rations increased as one moved north across the province. Smaller enterprises also used a greater proportion of home-grown feed.
4. A correlation exists between feed conversions and the proportion of home-grown feed in the rations. Higher proportions of home-grown feeds contributed to lower feed efficiencies. However, although home-grown feed greatly contributed to lower feed conversions, the choice of home-grown over purchased feeds should be based on their relative costs.

Figure 2.

DIVISION OF HOG INCOME DOLLAR



5. Larger enterprises are decidedly more efficient than smaller enterprises.

6. Most finishing enterprises had positive gross margins in 1982 i.e. a surplus over cash costs to pay for some or all unpaid family labour and depreciation.

7. Finishing enterprises were generally profitable in 1982. The enterprises in Regions I, II, III and VII and farms marketing 500 to 1,499 tended to be the most profitable.

8. The average return on investment in hog finishing enterprises was 4.3 per cent. Only enterprises in Regions V and VI and farms marketing fewer than 500 hogs per year did not realize a return on investment.

9. A comparison of the 1980, 1981 and 1982 production years reveals that finishing enterprises were profitable only in 1982. In contrast, farrow-finish enterprises were decidedly more profitable than finishing enterprises; the farrow-finish enterprises generally showed profits in all three production years studied. Finishing income had increased 43 per cent over the three-year period, and costs rose by 32 per cent. The purchasing cost of weaners and feeders was the major input contributing to cost increases in 1982.

10. Finally, in comparing the 1982 report with previous reports the following changes should be noted:

    a) Actual interest on long-term loans was used in the 1982 report instead of opportunity interest;

    b) The finishing hog equivalent in the 1982 report does not include the weaner weight. It simply represents the average weight put on the weaner after purchase. Therefore days on feed more realistically reflects days required to raise the weaner to market weight. The hog equivalent in 1980 and 1981 reports on finishing was designed to be consistent with and comparable to farrow-finish. Hog equivalents in those two reports can be modified simply by discounting the purchase weaner weight.

APPENDIX A

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING ' FOR: TOTAL PROVINCE
CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD	25.	25.		100		
---BOARS $---/HEAD	6.	6.		100		
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	30.	30.			0.00	0.00
BUILDINGS:						
FARROWING BARN	1518.	1391.	14	92	26.96	89.95
WEANING BARN	1846.	1846.	13	100	19.61	125.38
DRY SOW BARN						
GROWER-FINISHER BARN	37025.	36991.	18	100	646.90	1893.08
OFFICE BUILDING	108.	108.	8	100		12.13
ELECTRICAL FOR COMPLETE UNIT	13.	13.	11	100		1.08
OTHER	1957.	1285.	12	66	12.87	96.86
▲▲▲▲SUB-TOTAL	42467.	41635.			706.34	2208.49
OTHER BUILDINGS:						
BARNS	1396.	1396.	12	100	2.75	107.36
SHEDS	44.	44.	6	100	0.78	6.69
FEED TROUGHS	12.	12.	8	100		1.40
SELF-FEEDERS						
FENCING	133.	133.	9	100	8.73	13.42
OTHER	-		3	100		0.15
OTHER						
▲▲▲▲SUB-TOTAL	1585.	1585.			12.25	129.02
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON	45.	45.		100		
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN	260.	260.	24	100		9.82
LIQUID MANURE SPREADER	2219.	2009.	6	91	50.55	280.42
MANURE SPREADER	758.	609.	10	80	9.85	54.75
SUBMERSIBLE PUMP OR AGITATOR	402.	402.	8	100	9.80	42.62
OTHER	78.	78.	10	100		7.06
▲▲▲▲SUB-TOTAL	3762.	3403.			70.21	394.66
FEED STORAGE:						
---- STEEL BINS	2445.	2087.	21	85	3.35	91.55
---- WOODEN BINS	433.	356.	14	82	9.59	23.06
---- FEED BINS ---- TONNES	692.	690.	17	100	13.87	36.81
HIGH MOISTURE GRAIN						
OTHER	283.	283.	24	100	0.39	10.58
▲▲▲▲SUB-TOTAL	3853.	3416.			27.20	162.00
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	2399.	2375.	12	99	49.79	184.86
FEED CONVEYORS	118.	118.	14	100	1.96	7.56
GRINDER						
MOBILE GRINDER/MIXER	1363.	1023.	5	75	21.02	169.52
FEED CART	6.	6.	7	100		0.71
OTHER	3529.	1765.	25	50		63.53
▲▲▲▲SUB-TOTAL	7415.	5286.			72.77	426.19
EQUIPMENT IN BARNS:						
---- CRATES	4.	4.	5	100		0.71
---- PENS ---- FT.	59.	59.	20	100		2.65
---- WATERERS	52.	52.	5	100	0.98	10.42
---- SELF-FEEDERS	213.	213.	8	100	2.94	22.94
---- INDIVIDUAL STALLS	18.	18.	8	100		2.08
---- HEAT LAMPS	1.	1.	3	100		0.29
---- VENTILATION	31.	31.	7	100		4.07
---- OTHER	422.	422.	10	100	8.82	39.86
▲▲▲▲SUB-TOTAL	801.	801.			12.75	83.03
EXTRA EQUIPMENT:						
WELL AND WATER LINES	2706.	1931.	21	71	62.08	82.85
SCALE ---- LB. CAPACITY	87.	85.	5	98		15.11
TRUCKS 1) 1/2 OR 3/4 TON	2538.	683.	3	27	357.83	192.05
2) ONE OR TWO TON	1225.	677.	7	55	177.54	86.78
3) 3 TON	3207.	1819.	6	57	385.20	287.17
TRACTORS 1) UP TO 75 H.P.	3907.	1442.	7	37	310.38	187.69
2) 76 TO 110 H.P.	7295.	1802.	6	25	508.84	281.21
3) OVER 110 H.P.	6392.	1151.	5	18	295.26	199.36
STANDBY GENERATOR	933.	569.	16	61	1.20	32.81
PRESSURE WASHER	90.	61.	3	68	5.10	18.85
TOOLS AND VET., EQUIPMENT	282.	168.	5	60	8.97	30.18
GRAIN AUGER	648.	344.	7	53	7.40	43.65
OTHER	417.	256.	9	61	5.98	24.74
▲▲▲▲SUB-TOTAL	29727.	10988.			2125.78	1482.47
LAND - BLDGS. SITE & PASTURE	3760.	3596.		96		
TOTAL INVESTMENT	93400.	70739.			3027.30	4885.85

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: REGION 1
CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	COSTS PER YEAR DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN						
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	10800.	10400.	14	96	80.25	678.86
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER						
▲▲▲▲SUB-TOTAL	10800.	10400.			80.25	678.86
OTHER BUILDINGS:						
BARNS						
SHEDS	83.	83.	7	100	6.67	10.07
FEED TROUGHS						
SELF-FEEDERS						
FENCING						
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	83.	83.			6.67	10.07
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN	1667.	1667.	9	100		166.67
LIQUID MANURE SPREADER	300.	60.	5	20		19.80
MANURE SPREADER						
SUBMERSIBLE PUMP OR AGITATOR						
OTHER					0.00	177.47
▲▲▲▲SUB-TOTAL	1967.	1727.				
FEED STORAGE:						
---- STEEL BINS	800.	160.	30	20		4.80
---- WOODEN BINS	33.	33.	5	100	3.33	6.00
---- FEED BINS ---- TONNES	667.	647.	19	100		31.58
HIGH MOISTURE GRAIN						
OTHER						
▲▲▲▲SUB-TOTAL	1500.	860.			3.33	42.38
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL						
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	500.	50.	5	10		9.00
FEED CART						
OTHER					0.00	9.00
▲▲▲▲SUB-TOTAL	500.	50.				
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS						
---- SELF-FEEDERS						
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION						
---- OTHER					0.00	0.00
▲▲▲▲SUB-TOTAL	0.	0.				
EXTRA EQUIPMENT:						
WELL AND WATER LINES	1667.	1667.	24	100		62.50
SCALE ---- LB. CAPACITY						
TRUCKS 1) 1/2 OR 3/4 TON	1667.	142.	4	8	71.29	32.25
2) ONE OR TWO TON	1833.	1467.	9	80	52.53	146.67
3) 3 TON						
TRACTORS 1) UP TO 75 H.P.	1500.	75.	20	5	12.60	3.37
2) 76 TO 110 H.P.	7667.	583.	5	8	46.14	106.50
3) OVER 110 H.P.						
STANDBY GENERATOR	320.	320.	39	100		7.38
PRESSURE WASHER						
TOOLS AND VET., EQUIPMENT	167.	8.	10	5		0.75
GRAIN AUGER						
OTHER					182.56	359.43
▲▲▲▲SUB-TOTAL	14820.	4262.				
LAND - BLDGS. SITE & PASTURE	600.	600.		100		
TOTAL INVESTMENT	30270.	17982.			272.81	1277.20

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 2

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD	54.	54.		100		
---BOARS $---/HEAD						
---GILTS $---/HEAD						
****SUB-TOTAL	54.	54.			0.00	0.00
BUILDINGS:						
FARROWING BARN	72.	71.	10	100	21.41	6.43
WEANING BARN	4796.	4796.	13	100	50.00	338.39
DRY SOW BARN						
GROWER-FINISHER BARN	33905.	33905.	16	100	1430.14	1919.88
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER						
****SUB-TOTAL	38773.	38773.			1501.56	2264.70
OTHER BUILDINGS:						
BARNS	2500.	2500.	10	100		225.00
SHEDS	99.	99.	9	100		10.24
FEED TROUGHS						
SELF-FEEDERS						
FENCING						
OTHER						
OTHER						
****SUB-TOTAL	2599.	2599.			0.00	235.24
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON	162.	162.		100		
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN	89.	89.	8	100		10.04
LIQUID MANURE SPREADER	3792.	3505.	9	92	61.27	370.27
MANURE SPREADER	1266.	1266.	11	100	14.29	107.80
SUBMERSIBLE PUMP OR AGITATOR	390.	390.	20	100		17.53
OTHER						
****SUB-TOTAL	5699.	5412.			75.55	505.65
FEED STORAGE:						
---- STEEL BINS	539.	518.	34	96		13.84
---- WOODEN BINS	143.	143.	23	100	3.57	5.59
---- FEED BINS ---- TONNES	653.	649.	14	100	6.40	40.64
HIGH MOISTURE GRAIN						
OTHER						
****SUB-TOTAL	1334.	1310.			9.97	60.07
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	1360.	1272.	19	94	13.36	59.24
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	2153.	1724.	6	80	19.16	260.35
FEED CART	18.	18.	9	100		1.79
OTHER						
****SUB-TOTAL	3530.	3014.			32.53	321.37
EQUIPMENT IN BARNS:						
---- CRATES	14.	14.	5	100		2.57
---- PENS ---- FT.						
---- WATERERS	22.	22.	5	100	3.57	4.23
---- SELF-FEEDERS	31.	31.	1	100	3.57	21.00
---- INDIVIDUAL STALLS	67.	67.	8	100		7.56
---- HEAT LAMPS						
---- VENTILATION	49.	49.	5	100		8.77
---- OTHER						
****SUB-TOTAL	183.	183.			7.14	44.12
EXTRA EQUIPMENT:						
WELL AND WATER LINES	3970.	1950.	24	49	97.20	72.30
SCALE ---- LB. CAPACITY	38.	38.	11	100		2.97
TRUCKS 1) 1/2 OR 3/4 TON	4179.	1338.	4	32	451.16	304.55
2) ONE OR TWO TON	964.	483.	7	50	106.06	62.36
3) 3 TON	1397.	357.	4	22	100.80	73.67
TRACTORS 1) UP TO 75 H.P.	3732.	1271.	6	34	340.71	180.54
2) 76 TO 110 H.P.	7239.	1697.	6	23	466.67	271.84
3) OVER 110 H.P.	8430.	947.	4	11	382.63	200.71
STANDBY GENERATOR	1371.	784.	18	57		39.75
PRESSURE WASHER	138.	41.	5	30	3.46	7.33
TOOLS AND VET., EQUIPMENT	223.	180.	5	81	6.41	35.69
GRAIN AUGER	513.	243.	9	47	1.35	24.95
OTHER	286.	232.	8	81		25.93
****SUB-TOTAL	32680.	9561.			1956.45	1302.58
LAND - BLDGS. SITE & PASTURE	2250.	2250.		100		
TOTAL INVESTMENT	87103.	63156.			3583.20	4733.74

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: REGION 3

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN						
WEANING BARN	1667.	1667.	20	100		75.00
DRY SOW BARN						
GROWER-FINISHER BARN	28672.	28615.	15	100	245.06	1707.70
OFFICE BUILDING	611.	611.	8	100		68.75
ELECTRICAL FOR COMPLETE UNIT	20.	20.	30	100		0.59
OTHER						
▲▲▲▲SUB-TOTAL	30970.	30912.			245.06	1852.04
OTHER BUILDINGS:						
BARNS						
SHEDS						
FEED TROUGHS						
SELF-FEEDERS						
FENCING	19.	19.	10	100		1.67
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	19.	19.			0.00	1.67
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER	700.	700.	4	100	27.78	161.67
MANURE SPREADER	1016.	637.	8	63	27.88	72.71
SUBMERSIBLE PUMP OR AGITATOR						
OTHER						
▲▲▲▲SUB-TOTAL	1716.	1337.			55.65	234.37
FEED STORAGE:						
---- STEEL BINS	1736.	1736.	24	100		64.54
---- WOODEN BINS	183.	178.	10	97	2.69	16.72
---- FEED BINS ---- TONNES	617.	614.	23	100	8.30	24.43
HIGH MOISTURE GRAIN						
OTHER						
▲▲▲▲SUB-TOTAL	2536.	2528.			10.99	105.69
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	422.	422.	9	100	33.33	42.22
FEED CONVEYORS	667.	667.	14	100	11.11	42.86
GRINDER						
MOBILE GRINDER/MIXER	1538.	846.	9	55	15.59	88.41
FEED CART	6.	6.	4	100		1.25
OTHER						
▲▲▲▲SUB-TOTAL	2633.	1941.			60.03	174.74
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS						
---- SELF-FEEDERS						
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION						
---- OTHER	278.	278.	13	100	1.11	19.23
▲▲▲▲SUB-TOTAL	278.	278.			1.11	19.23
EXTRA EQUIPMENT:						
WELL AND WATER LINES	1449.	1225.	28	84	49.76	39.72
SCALE ---- LB. CAPACITY	144.	144.	19	100		6.78
TRUCKS 1) 1/2 OR 3/4 TON	2944.	453.	6	15	185.52	74.05
2) ONE OR TWO TON	3167.	2283.	7	72	567.23	294.37
3) 3 TON	1389.	694.	9	50	338.17	72.50
TRACTORS 1) UP TO 75 H.P.	3389.	633.	7	19	109.35	78.75
2) 76 TO 110 H.P.	7542.	1867.	6	25	554.41	300.19
3) OVER 110 H.P.						
STANDBY GENERATOR	722.	317.	16	44		17.34
PRESSURE WASHER	94.	84.	13	89	0.99	5.89
TOOLS AND VET., EQUIPMENT	31.	31.	8	100	5.56	3.33
GRAIN AUGER	361.	122.	8	34	1.88	14.02
OTHER	556.	444.	15	80	22.22	27.14
▲▲▲▲SUB-TOTAL	21789.	8298.			1835.08	934.11
LAND - BLDGS. SITE & PASTURE	1589.	1589.		100		
TOTAL INVESTMENT	61529.	46901.			2207.93	3321.85

^^^ INVESTMENT SCHEDULE ^^^

ENTERPRISE: FINISHING ; FOR: REGION 4

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	COSTS PER YEAR DEPR.
LIVESTOCK:						
---SOWS $---/HEAD	50.	50.		100		
---BOARS $---/HEAD	30.	30.		100		
---GILTS $---/HEAD						
^^^^SUB-TOTAL	80.	80.			0.00	0.00
BUILDINGS:						
FARROWING BARN						
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	85262.	85262.	21	100	652.00	3689.86
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER						
^^^^SUB-TOTAL	85262.	85262.			652.00	3689.86
OTHER BUILDINGS:						
BARNS	2620.	2620.	18	100	10.00	132.54
SHEDS	49.	49.	4	100	2.00	12.28
FEED TROUGHS	8.	8.	5	100		1.44
SELF-FEEDERS						
FENCING	338.	338.	7	100	27.00	45.80
OTHER	3.	3.	3	100		0.75
OTHER						
^^^^SUB-TOTAL	3018.	3018.			39.00	192.82
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER	1600.	1600.	6	100	105.00	232.50
MANURE SPREADER	30.	30.	4	100	2.50	6.75
SUBMERSIBLE PUMP OR AGITATOR	1400.	1400.	8	100	50.00	166.50
OTHER						
^^^^SUB-TOTAL	3030.	3030.			157.50	405.75
FEED STORAGE:						
---- STEEL BINS	3970.	3970.	32	100		111.61
---- WOODEN BINS	710.	696.	18	98	20.59	35.04
---- FEED BINS ---- TONNES	1522.	1522.	18	100	51.00	74.52
HIGH MOISTURE GRAIN						
OTHER	1300.	1300.	25	100		46.80
^^^^SUB-TOTAL	7502.	7488.			71.59	267.97
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	7016.	7016.	11	100	140.00	552.38
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	880.	568.	4	64	39.21	125.25
FEED CART						
OTHER						
^^^^SUB-TOTAL	7896.	7583.			179.21	677.63
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS						
---- SELF-FEEDERS						
---- INDIVIDUAL STALLS						
---- HEAT LAMPS	5.	5.	3	100		1.50
---- VENTILATION						
---- OTHER	1500.	1500.	9	100	44.00	150.00
^^^^SUB-TOTAL	1505.	1505.			44.00	151.50
EXTRA EQUIPMENT:						
WELL AND WATER LINES	3402.	3066.	20	90	42.09	139.27
SCALE ---- LB. CAPACITY	215.	215.	3	100		61.50
TRUCKS 1) 1/2 OR 3/4 TON	1400.	213.	3	15	164.22	63.75
2) ONE OR TWO TON	320.	130.	4	41	219.58	29.25
3) 3 TON	6080.	5039.	7	83	764.41	610.46
TRACTORS 1) UP TO 75 H.P.	2700.	1738.	5	64	695.77	346.12
2) 76 TO 110 H.P.	1700.	80.	4	5	38.14	16.87
3) OVER 110 H.P.	10400.	2975.	5	29	547.83	546.25
STANDBY GENERATOR	700.	640.	21	91		27.84
PRESSURE WASHER	170.	168.	2	99	10.87	71.55
TOOLS AND VET., EQUIPMENT	670.	469.	5	70	37.45	87.87
GRAIN AUGER	1400.	939.	7	67	32.19	115.86
OTHER	969.	384.	16	40	7.14	21.56
^^^^SUB-TOTAL	30126.	16035.			2579.69	2138.15
LAND - BLDGS. SITE & PASTURE	3420.	3333.		97		
TOTAL INVESTMENT	141839.	127354.			3722.98	7523.68

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 5

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	COSTS PER YEAR DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
****SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN						
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	21329.	21329.	19	100	244.29	988.38
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER	1286.	1286.	5	100		231.43
****SUB-TOTAL	22614.	22614.			244.29	1219.81
OTHER BUILDINGS:						
BARNS	1429.	1429.	9	100	5.71	142.86
SHEDS	14.	14.	2	100		6.43
FEED TROUGHS	2.	2.	2	100		0.96
SELF-FEEDERS						
FENCING	7.	7.	3	100		2.14
OTHER						
OTHER						
****SUB-TOTAL	1452.	1452.			5.71	152.39
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN	1714.	1714.	30	100		51.43
LIQUID MANURE SPREADER	1829.	1829.	8	100	17.14	205.71
MANURE SPREADER	1514.	1020.	12	67		75.54
SUBMERSIBLE PUMP OR AGITATOR						
OTHER	571.	571.	10	100		51.43
****SUB-TOTAL	5629.	5134.			17.14	384.11
FEED STORAGE:						
---- STEEL BINS	5114.	3657.	22	72		152.19
---- WOODEN BINS	421.	361.	12	86		27.39
---- FEED BINS ---- TONNES	486.	479.	12	99	4.93	35.53
HIGH MOISTURE GRAIN						
OTHER						
****SUB-TOTAL	6021.	4496.			4.93	215.11
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	2857.	2857.	25	100	35.71	102.86
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	743.	743.	5	100		143.36
FEED CART						
OTHER	25714.	12857.	25	50		462.86
****SUB-TOTAL	29314.	16457.			35.71	709.07
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.	429.	429.	20	100		19.29
---- WATERERS	237.	237.	4	100		58.50
---- SELF-FEEDERS	689.	689.	8	100		73.50
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION	100.	100.	10	100		9.00
---- OTHER	571.	571.	10	100		51.43
****SUB-TOTAL	2026.	2026.			0.00	211.71
EXTRA EQUIPMENT:						
WELL AND WATER LINES	2121.	1886.	19	89	8.89	88.54
SCALE ---- LB. CAPACITY	36.	36.	5	100		6.11
TRUCKS 1) 1/2 OR 3/4 TON	2500.	767.	5	31	353.02	149.15
2) ONE OR TWO TON	1571.	157.	10	10	4.57	14.14
3) 3 TON	1786.	1025.	9	57	302.42	106.26
TRACTORS 1) UP TO 75 H.P.	10714.	4493.	10	42	646.19	393.14
2) 76 TO 110 H.P.	12000.	2871.	10	24	832.20	270.15
3) OVER 110 H.P.	2857.	143.	5	5	44.57	25.71
STANDBY GENERATOR	1836.	968.	15	53		57.91
PRESSURE WASHER						
TOOLS AND VET., EQUIPMENT	86.	32.	7	38		3.89
GRAIN AUGER	500.	239.	7	48		31.93
OTHER	357.	268.	4	75	7.18	60.27
****SUB-TOTAL	36364.	12885.			2199.04	1207.20
LAND - BLDGS. SITE & PASTURE	3064.	1993.		65		
TOTAL INVESTMENT	106486.	67059.			2506.82	4099.41

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 6

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
****SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN	12700.	12700.	14	100	240.00	841.43
WEANING BARN	2400.	2400.	11	100	60.00	196.36
DRY SOW BARN						
GROWER-FINISHER BARN	22445.	22445.	14	100	362.00	1407.10
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER	17964.	11107.	15	62	123.66	656.78
****SUB-TOTAL	55509.	48652.			785.66	3101.67
OTHER BUILDINGS:						
BARNS						
SHEDS						
FEED TROUGHS						
SELF-FEEDERS						
FENCING	605.	605.	18	100	35.00	30.27
OTHER						
OTHER						
****SUB-TOTAL	605.	605.			35.00	30.27
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER	4000.	2660.	4	66	66.50	679.50
MANURE SPREADER						
SUBMERSIBLE PUMP OR AGITATOR	160.	160.	3	100		48.00
OTHER						
****SUB-TOTAL	4160.	2820.			66.50	727.50
FEED STORAGE:						
---- STEEL BINS	3620.	3266.	20	90	36.09	147.04
---- WOODEN BINS	860.	756.	11	88	52.74	61.98
---- FEED BINS ---- TONNES						
HIGH MOISTURE GRAIN						
OTHER	286.	286.	18	100	4.00	14.32
****SUB-TOTAL	4766.	4308.			92.83	223.33
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	1667.	1667.	4	100	60.00	374.98
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	2010.	1883.	4	94	43.09	384.40
FEED CART						
OTHER						
****SUB-TOTAL	3677.	3550.			103.09	759.38
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS						
---- SELF-FEEDERS	1125.	1125.	14	100	20.00	72.32
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION						
---- OTHER						
****SUB-TOTAL	1125.	1125.			20.00	72.32
EXTRA EQUIPMENT:						
WELL AND WATER LINES	2763.	2088.	16	76	90.71	114.09
SCALE ---- LB. CAPACITY	40.	20.	9	50		2.00
TRUCKS 1) 1/2 OR 3/4 TON	1442.	787.	1	55	1202.33	589.35
2) ONE OR TWO TON						
3) 3 TON	9874.	4733.	4	48	854.50	1213.66
TRACTORS 1) UP TO 75 H.P.	2000.	200.	8	10	25.20	22.50
2) 76 TO 110 H.P.	13303.	5616.	5	42	1207.72	1054.82
3) OVER 110 H.P.	14000.	2800.	9	20	245.00	280.00
STANDBY GENERATOR	210.	210.	4	100	20.00	51.00
PRESSURE WASHER	20.	20.	1	100	20.00	18.00
TOOLS AND VET., EQUIPMENT	727.	165.	8	23	3.18	18.91
GRAIN AUGER	870.	393.	5	45	9.94	72.30
OTHER	16.	16.	4	100		3.60
****SUB-TOTAL	45266.	17049.			3678.58	3440.24
LAND - BLDGS. SITE & PASTURE	13900.	13900.		100		
TOTAL INVESTMENT	129008.	92008.			4781.66	8354.71

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: REGION 7

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	COSTS PER YEAR DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN	4301.	2151.	20	50		96.77
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	3000.	3000.	9	100	166.67	300.00
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT	167.	167.	9	100		16.67
OTHER	333.	333.	25	100		12.00
▲▲▲▲SUB-TOTAL	7801.	5650.			166.67	425.44
OTHER BUILDINGS:						
BARNS						
SHEDS						
FEED TROUGHS	167.	167.	9	100		16.67
SELF-FEEDERS						
FENCING	50.	50.	3	100		15.00
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	217.	217.			0.00	31.67
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER						
MANURE SPREADER						
SUBMERSIBLE PUMP OR AGITATOR	77.	77.	9	100		7.67
OTHER						
▲▲▲▲SUB-TOTAL	77.	77.			0.00	7.67
FEED STORAGE:						
---- STEEL BINS	1833.	480.	1	26		321.16
---- WOODEN BINS	1333.	400.	14	30		25.71
---- FEED BINS ---- TONNES						
HIGH MOISTURE GRAIN						
OTHER						
▲▲▲▲SUB-TOTAL	3167.	880.			0.00	346.87
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	333.	333.	9	100	38.33	33.33
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER						
FEED CART						
OTHER						
▲▲▲▲SUB-TOTAL	333.	333.			38.33	33.33
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS	233.	233.	10	100		21.00
---- SELF-FEEDERS						
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION	73.	73.	9	100		7.33
---- OTHER						
▲▲▲▲SUB-TOTAL	307.	307.			0.00	28.33
EXTRA EQUIPMENT:						
WELL AND WATER LINES	567.	283.	9	50		28.33
SCALE ---- LB. CAPACITY						
TRUCKS 1) 1/2 OR 3/4 TON	250.	57.	1	23	367.35	46.50
2) ONE OR TWO TON	267.	133.	5	50	71.83	24.00
3) 3 TON	2000.	100.	6	5	6.63	15.00
TRACTORS 1) UP TO 75 H.P.						
2) 76 TO 110 H.P.	4100.	203.	3	5	68.49	60.27
3) OVER 110 H.P.	4667.	233.	2	5	73.47	105.00
STANDBY GENERATOR						
PRESSURE WASHER						
TOOLS AND VET., EQUIPMENT	17.	17.	5	100		3.00
GRAIN AUGER	83.	4.	2	4	0.44	1.68
OTHER						
▲▲▲▲SUB-TOTAL	11950.	1030.			588.22	283.78
LAND - BLDGS. SITE & PASTURE	6333.	6333.		100		
TOTAL INVESTMENT	30184.	14827.			793.22	1157.09

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FARROW-FINISH FOR: <50 HEAD
CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	COSTS PER YEAR DEPR.
LIVESTOCK:						
---SOWS $----/HEAD	96.	96.		100		
---BOARS $----/HEAD	23.	23.		100		
---GILTS $----/HEAD						
▲▲▲▲SUB-TOTAL	119.	119.			0.00	0.00
BUILDINGS:						
FARROWING BARN	1049.	573.	18	54	8.25	29.26
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	3642.	3550.	13	97	60.73	248.04
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT	14.	14.	30	100		0.41
OTHER	692.	692.	5	100		124.62
▲▲▲▲SUB-TOTAL	5418.	4829.			68.97	402.32
OTHER BUILDINGS:						
BARNS	15.	15.	10	100		1.38
SHEDS	103.	103.	4	100	3.08	22.16
FEED TROUGHS	7.	7.	4	100		1.63
SELF-FEEDERS						
FENCING	200.	200.	6	100	16.92	30.62
OTHER	2.	2.	3	100		0.58
OTHER						
▲▲▲▲SUB-TOTAL	328.	328.			20.00	56.37
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER						
MANURE SPREADER	421.	70.	5	17		12.00
SUBMERSIBLE PUMP OR AGITATOR						
OTHER						
▲▲▲▲SUB-TOTAL	421.	70.			0.00	12.00
FEED STORAGE:						
---- STEEL BINS	1200.	268.	17	22		14.03
---- WOODEN BINS	165.	122.	7	74	0.57	14.84
---- FEED BINS ---- TONNES	188.	185.	10	98	4.52	16.93
HIGH MOISTURE GRAIN						
OTHER						
▲▲▲▲SUB-TOTAL	1554.	574.			5.09	45.80
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	126.	31.	10	25	3.85	2.83
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	877.	456.	5	52	14.20	90.62
FEED CART						
OTHER						
▲▲▲▲SUB-TOTAL	1003.	487.			18.05	93.46
EQUIPMENT IN BARNS:						
---- CRATES	15.	15.	5	100		2.77
---- PENS ---- FT.						
---- WATERERS	12.	12.	2	100		5.54
---- SELF-FEEDERS	2.	2.	6	100		0.29
---- INDIVIDUAL STALLS						
---- HEAT LAMPS	4.	4.	3	100		1.15
---- VENTILATION						
---- OTHER						
▲▲▲▲SUB-TOTAL	33.	33.			0.00	9.75
EXTRA EQUIPMENT:						
WELL AND WATER LINES	1230.	713.	19	58	23.63	34.40
SCALE ---- LB. CAPACITY	8.	8.	10	100		0.69
TRUCKS 1) 1/2 OR 3/4 TON	3515.	265.	4	8	105.00	56.68
2) ONE OR TWO TON						
3) 3 TON	512.	33.	4	6	4.85	6.74
TRACTORS 1) UP TO 75 H.P.	2923.	285.	4	10	100.30	65.68
2) 76 TO 110 H.P.	4283.	209.	13	5	37.74	14.06
3) OVER 110 H.P.	4231.	750.	9	18	170.18	74.42
STANDBY GENERATOR						
PRESSURE WASHER	23.	1.	10	5		0.10
TOOLS AND VET., EQUIPMENT	134.	45.	6	33	0.38	6.41
GRAIN AUGER	397.	69.	5	17		13.74
OTHER	192.	19.	3	10		5.77
▲▲▲▲SUB-TOTAL	17451.	2396.			442.08	276.71
LAND - BLDGS. SITE & PASTURE	1181.	1181.		100		
TOTAL INVESTMENT	27508.	10018.			554.19	898.40

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: 50-99 head
CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN						
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	1679.	1505.	4	90	47.83	378.44
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER						
▲▲▲▲SUB-TOTAL	1679.	1505.			47.83	378.44
OTHER BUILDINGS:						
BARNS	2000.	2000.	15	100	33.33	120.00
SHEDS						
FEED TROUGHS						
SELF-FEEDERS						
FENCING	1342.	1342.	15	100	75.00	80.45
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	3342.	3342.			108.33	200.45
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER						
MANURE SPREADER	123.	111.	2	90		49.95
SUBMERSIBLE PUMP OR AGITATOR						
OTHER						
▲▲▲▲SUB-TOTAL	123.	111.			0.00	49.95
FEED STORAGE:						
---- STEEL BINS	708.	708.	17	100		37.50
---- WOODEN BINS	133.	117.	12	87	10.21	8.50
---- FEED BINS ---- TONNES	17.	8.	3	50		2.50
HIGH MOISTURE GRAIN						
OTHER	477.	477.	18	100	6.67	23.87
▲▲▲▲SUB-TOTAL	1336.	1311.			16.87	72.37
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL						
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	1814.	867.	7	48	6.06	118.36
FEED CART						
OTHER						
▲▲▲▲SUB-TOTAL	1814.	867.			6.06	118.36
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS						
---- SELF-FEEDERS						
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION						
---- OTHER						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
EXTRA EQUIPMENT:						
WELL AND WATER LINES	1216.	492.	19	40	3.64	23.23
SCALE ---- LB. CAPACITY						
TRUCKS 1) 1/2 OR 3/4 TON	1833.	377.	4	21	262.74	77.90
2) ONE OR TWO TON						
3) 3 TON						
TRACTORS 1) UP TO 75 H.P.	3667.	583.	6	16	101.61	82.50
2) 76 TO 110 H.P.	5833.	728.	5	12	573.34	137.50
3) OVER 110 H.P.						
STANDBY GENERATOR						
PRESSURE WASHER						
TOOLS AND VET., EQUIPMENT	175.	48.	5	28	2.76	9.00
GRAIN AUGER	50.	20.	3	40	1.33	6.00
OTHER	27.	27.	4	100		6.00
▲▲▲▲SUB-TOTAL	12801.	2275.			945.43	342.13
LAND - BLDGS, SITE & PASTURE	4000.	4000.		100		
TOTAL INVESTMENT	25095.	13412.			1124.52	1161.69

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: 100-199 [redacted]
CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	COSTS PER YEAR DEPR.
LIVESTOCK:						
---SOWS @---/HEAD						
---BOARS @---/HEAD						
---GILTS @---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN	1.		9355	30	15.00	
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	5715.	5715.	8	100		642.88
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER						
▲▲▲▲SUB-TOTAL	5715.	5715.			15.00	642.88
OTHER BUILDINGS:						
BARNS						
SHEDS						
FEED TROUGHS						
SELF-FEEDERS						
FENCING						
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN	625.	625.	8	100		70.31
LIQUID MANURE SPREADER	1125.	1125.	5	100		202.50
MANURE SPREADER						
SUBMERSIBLE PUMP OR AGITATOR						
OTHER						
▲▲▲▲SUB-TOTAL	1750.	1750.			0.00	272.81
FEED STORAGE:						
---- STEEL BINS						
---- WOODEN BINS						
---- FEED BINS ---- TONNES	143.	143.	8	100		16.09
HIGH MOISTURE GRAIN						
OTHER						
▲▲▲▲SUB-TOTAL	143.	143.			0.00	16.09
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL						
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	9445.	6445.	5	68	34.12	1100.01
FEED CART						
OTHER						
▲▲▲▲SUB-TOTAL	9445.	6445.			34.12	1100.01
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS	43.	43.	8	100		4.84
---- SELF-FEEDERS						
---- INDIVIDUAL STALLS	471.	471.	8	100		52.93
---- HEAT LAMPS						
---- VENTILATION	341.	341.	5	100		61.38
---- OTHER						
▲▲▲▲SUB-TOTAL	855.	855.			0.00	119.15
EXTRA EQUIPMENT:						
WELL AND WATER LINES	3500.	1375.	20	25		61.50
SCALE ---- LB. CAPACITY	215.	215.	10	100		19.30
TRUCKS 1) 1/2 OR 3/4 TON	500.	250.	5	50	394.50	45.00
2) ONE OR TWO TON	3750.	1500.	6	40	157.60	225.00
3) 3 TON						
TRACTORS 1) UP TO 75 H.P.	1875.	413.	2	22	451.66	163.12
2) 76 TO 110 H.P.	2670.	1335.	5	50	624.50	240.25
3) OVER 110 H.P.	12500.	625.	8	5	184.60	70.31
STANDBY GENERATOR						
PRESSURE WASHER	134.	13.	3	10		4.00
TOOLS AND VET., EQUIPMENT	171.	96.	5	56		17.28
GRAIN AUGER	407.	78.	7	19		9.85
OTHER						
▲▲▲▲SUB-TOTAL	27720.	5899.			1812.86	855.64
LAND - BLDGS. SITE + PASTURE	1250.	1250.		100		
TOTAL INVESTMENT	46877.	22056.			1861.98	3006.58

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: 200-499 head

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN	350.	350.	9	100	20.00	35.00
WEANING BARN	1200.	1200.	11	100	30.00	98.18
DRY SOW BARN						
GROWER-FINISHER BARN	29691.	29691.	18	100	278.00	1490.20
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT	50.	50.	9	100		5.00
OTHER	100.	100.	25	100		3.60
▲▲▲▲SUB-TOTAL	31391.	31391.			328.00	1631.98
OTHER BUILDINGS:						
BARNS						
SHEDS						
FEED TROUGHS	50.	50.	9	100		5.00
SELF-FEEDERS						
FENCING	15.	15.	3	100		4.50
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	65.	65.			0.00	9.50
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON	227.	227.		100		
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER	1330.	1330.	6	100	37.80	210.73
MANURE SPREADER	2372.	2110.	19	89	2.22	99.92
SUBMERSIBLE PUMP OR AGITATOR	649.	649.	11	100		50.85
OTHER	400.	400.	10	100		36.00
▲▲▲▲SUB-TOTAL	4978.	4716.			40.02	397.50
FEED STORAGE:						
---- STEEL BINS	3620.	3322.	24	92		125.14
---- WOODEN BINS	860.	528.	13	61	21.49	36.34
---- FEED BINS ---- TONNES	790.	786.	19	99	9.45	36.46
HIGH MOISTURE GRAIN						
OTHER						
▲▲▲▲SUB-TOTAL	5270.	4635.			30.93	197.94
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	880.	880.	12	100	41.50	66.95
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	1050.	1023.	7	97	13.15	132.12
FEED CART						
OTHER						
▲▲▲▲SUB-TOTAL	1930.	1903.			54.65	199.07
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS	220.	220.	5	100		40.05
---- SELF-FEEDERS	130.	130.	10	100		11.70
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION	92.	92.	10	100		8.50
---- OTHER	1500.	1500.	9	100	44.00	150.00
▲▲▲▲SUB-TOTAL	1942.	1942.			44.00	210.25
EXTRA EQUIPMENT:						
WELL AND WATER LINES	2254.	1907.	24	85	71.06	72.72
SCALE ---- LB. CAPACITY	15.	15.	4	100		3.37
TRUCKS 1) 1/2 OR 3/4 TON	2150.	685.	5	32	464.49	125.89
2) ONE OR TWO TON	3450.	1850.	8	51	453.73	204.65
3) 3 TON	1450.	613.	6	42	154.60	100.18
TRACTORS 1) UP TO 75 H.P.	5950.	3020.	10	51	375.55	272.25
2) 76 TO 110 H.P.	10900.	2538.	5	23	647.87	496.03
3) OVER 110 H.P.	8602.	1540.	5	18	284.42	284.14
STANDBY GENERATOR	331.	249.	19	75		11.57
PRESSURE WASHER	82.	40.	18	49	8.37	2.03
TOOLS AND VET.. EQUIPMENT	144.	121.	5	83	5.05	21.34
GRAIN AUGER	441.	407.	7	74	9.88	41.74
OTHER	300.	300.	15	100	25.00	18.00
▲▲▲▲SUB-TOTAL	36470.	13384.			2302.02	1673.93
LAND - BLDGS. SITE & PASTURE	3400.	2650.		78		
TOTAL INVESTMENT	85446.	60485.			2999.63	4320.17

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: 500-999 [redacted]

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN						
WEANING BARN	3000.	3000.	10	100	16.67	258.75
DRY SOW BARN						
GROWER-FINISHER BARN	37116.	37116.	15	100	679.75	2296.73
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER	7485.	4628.	15	62	51.52	273.66
▲▲▲▲SUB-TOTAL	47601.	44744.			747.94	2829.13
OTHER BUILDINGS:						
BARNS	833.	833.	9	100	3.33	83.33
SHEDS	74.	74.	15	100		4.44
FEED TROUGHS						
SELF-FEEDERS						
FENCING						
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	907.	907.			3.33	87.78
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN						
LIQUID MANURE SPREADER	2465.	1907.	5	77	139.88	321.09
MANURE SPREADER	425.	395.	3	93	46.47	102.50
SUBMERSIBLE PUMP OR AGITATOR						
OTHER						
▲▲▲▲SUB-TOTAL	2890.	2302.			186.35	424.39
FEED STORAGE:						
---- STEEL BINS	2045.	1783.	11	87	14.53	152.37
---- WOODEN BINS	346.	346.	15	100		21.01
---- FEED BINS ---- TONNES	997.	997.	15	100	25.42	60.39
HIGH MOISTURE GRAIN						
OTHER						
▲▲▲▲SUB-TOTAL	3388.	3126.			39.94	233.77
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	694.	694.	4	100	25.00	156.24
FEED CONVEYORS	500.	500.	14	100	8.33	32.14
GRINDER						
MOBILE GRINDER/MIXER	896.	667.	4	74	37.21	170.62
FEED CART	25.	25.	7	100		3.02
OTHER						
▲▲▲▲SUB-TOTAL	2115.	1886.			70.54	362.03
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.						
---- WATERERS						
---- SELF-FEEDERS	480.	480.	13	100	8.33	32.13
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION						
---- OTHER						
▲▲▲▲SUB-TOTAL	480.	480.			8.33	32.13
EXTRA EQUIPMENT:						
WELL AND WATER LINES	2089.	1781.	23	85	130.39	69.87
SCALE ---- LB. CAPACITY	92.	92.	29	100		2.84
TRUCKS 1) 1/2 OR 3/4 TON	1980.	720.	3	36	414.86	256.74
2) ONE OR TWO TON	567.	347.	8	61	132.97	41.25
3) 3 TON	5531.	2222.	7	40	581.58	303.82
TRACTORS 1) UP TO 75 H.P.	2917.	1069.	7	37	201.83	128.39
2) 76 TO 110 H.P.	9460.	2871.	8	30	667.55	329.78
3) OVER 110 H.P.	2333.	350.	3	15	71.24	113.75
STANDBY GENERATOR	496.	232.	13	47		16.24
PRESSURE WASHER	8.	8.	1	100	4.17	7.50
TOOLS AND VET., EQUIPMENT	420.	196.	5	47	8.19	34.65
GRAIN AUGER	483.	220.	6	45	8.33	34.30
OTHER	825.	473.	9	57	11.81	48.63
▲▲▲▲SUB-TOTAL	27200.	10580.			2232.90	1389.78
LAND - BLDGS. SITE & PASTURE	7750.	7750.		100		
TOTAL INVESTMENT	92332.	71775.			3289.34	5389.01

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: 1000-1499 [redacted]

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN	6593.	6593.	18	100	71.43	329.64
WEANING BARN						
DRY SOW BARN	73879.	73879.	21	100	1614.29	3111.62
GROWER-FINISHER BARN	786.	786.	8	100		88.39
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER					1685.71	3529.65
▲▲▲▲SUB-TOTAL	81257.	81257.				
OTHER BUILDINGS:						
BARNS	2857.	2857.	19	100		135.34
SHEDS						
FEED TROUGHS						
SELF-FEEDERS						
FENCING						
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	2857.	2857.			0.00	135.34
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN	4357.	3783.	7	87	18.60	514.43
LIQUID MANURE SPREADER	571.	571.	14	100		36.73
MANURE SPREADER	2000.	2000.	8	100	71.43	237.86
SUBMERSIBLE PUMP OR AGITATOR						
OTHER					90.03	789.02
▲▲▲▲SUB-TOTAL	6929.	6354.				
FEED STORAGE:						
---- STEEL BINS	4643.	4643.	36	100		116.58
---- WOODEN BINS	114.	114.	10	100		10.29
---- FEED BINS ---- TONNES	1550.	1550.	21	100	35.71	67.50
HIGH MOISTURE GRAIN						
OTHER					35.71	194.37
▲▲▲▲SUB-TOTAL	6307.	6307.				
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	8492.	8492.	11	100	171.43	720.24
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER	1793.	1793.	7	100	28.57	220.51
FEED CART						
OTHER					200.00	940.75
▲▲▲▲SUB-TOTAL	10285.	10285.				
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.	31.	31.	4	100	7.14	7.07
---- WATERERS	43.	43.	1	100	7.14	38.57
---- SELF-FEEDERS						
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION	357.	357.	13	100	1.43	24.73
---- OTHER	431.	431.			15.71	70.37
▲▲▲▲SUB-TOTAL						
EXTRA EQUIPMENT:	5310.	4347.	21	82	115.14	183.93
WELL AND WATER LINES	64.	64.	9	100		6.43
SCALE ---- LB. CAPACITY	3929.	1594.	5	41	388.08	290.89
TRUCKS 1) 1/2 OR 3/4 TON	1671.	1264.	6	76	437.64	204.91
2) ONE OR TWO TON	5000.	3750.	19	75	234.64	177.63
3) 3 TON	1284.	429.	6	33	159.00	64.29
TRACTORS 1) UP TO 75 H.P.	3857.	1643.	5	43	472.41	328.32
2) 76 TO 110 H.P.	17429.	3914.	5	22	907.87	680.41
3) OVER 110 H.P.	1786.	1364.	19	76		65.49
STANDBY GENERATOR	171.	169.	2	98	4.21	68.79
PRESSURE WASHER	393.	321.	5	82	29.22	58.93
TOOLS AND VET., EQUIPMENT	1586.	1011.	10	64	13.66	94.07
GRAIN AUGER	829.	577.	9	70		58.04
OTHER	43310.	29470.			2761.88	2282.11
▲▲▲▲SUB-TOTAL						
LAND - BLDGS. SITE & PASTURE	2700.	2575.		95		
TOTAL INVESTMENT	154076.	138537.			4789.05	7941.61

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FINISHING FOR: [redacted]

CURRENT (1982) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	COSTS PER YEAR DEPR.
LIVESTOCK:						
---SOWS $---/HEAD						
---BOARS $---/HEAD						
---GILTS $---/HEAD						
▲▲▲▲SUB-TOTAL	0.	0.			0.00	0.00
BUILDINGS:						
FARROWING BARN	15000.	15000.	14	100	250.00	964.29
WEANING BARN						
DRY SOW BARN						
GROWER-FINISHER BARN	141250.	141250.	19	100	2453.75	6536.84
OFFICE BUILDING						
ELECTRICAL FOR COMPLETE UNIT						
OTHER						
▲▲▲▲SUB-TOTAL	156250.	156250.			2703.75	7501.13
OTHER BUILDINGS:						
BARNS	8750.	8750.	10	100		787.50
SHEDS						
FEED TROUGHS						
SELF-FEEDERS						
FENCING						
OTHER						
OTHER						
▲▲▲▲SUB-TOTAL	8750.	8750.			0.00	787.50
MANURE STORAGE, HANDLING SYSTEM:						
LAGOON						
STORAGE PIT						
FARROWING BARN						
GROWER-FINISHING BARN	3000.	3000.	30	100		90.00
LIQUID MANURE SPREADER	9390.	9390.	8	100	37.50	1081.35
MANURE SPREADER						
SUBMERSIBLE PUMP OR AGITATOR						
OTHER						
▲▲▲▲SUB-TOTAL	12390.	12390.			37.50	1171.35
FEED STORAGE:						
---- STEEL BINS	3425.	3425.	26	100		119.57
---- WOODEN BINS	1500.	1500.	20	100	50.00	67.50
---- FEED BINS ---- TONNES	450.	450.	29	100		13.97
HIGH MOISTURE GRAIN						
OTHER	3250.	3250.	25	100		117.00
▲▲▲▲SUB-TOTAL	8625.	8625.			50.00	318.03
FEEDING EQUIPMENT:						
ELECTRIC HAMMER MILL	11029.	11029.	22	100	112.50	451.28
FEED CONVEYORS						
GRINDER						
MOBILE GRINDER/MIXER						
FEED CART						
OTHER	45000.	22500.	25	50		810.00
▲▲▲▲SUB-TOTAL	56029.	33529.			112.50	1261.28
EQUIPMENT IN BARNS:						
---- CRATES						
---- PENS ---- FT.	750.	750.	20	100		33.75
---- WATERERS						
---- SELF-FEEDERS	875.	875.	8	100		98.44
---- INDIVIDUAL STALLS						
---- HEAT LAMPS						
---- VENTILATION						
---- OTHER	1000.	1000.	10	100		90.00
▲▲▲▲SUB-TOTAL	2625.	2625.			0.00	222.19
EXTRA EQUIPMENT:						
WELL AND WATER LINES	5647.	3492.	17	62	34.79	183.02
SCALE ---- LB. CAPACITY	350.	525.	3	95		152.50
TRUCKS 1) 1/2 OR 3/4 TON	1125.	775.	1	69	1605.11	589.50
2) ONE OR TWO TON						
3) 3 TON	10250.	8325.	3	81	2117.80	2166.75
TRACTORS 1) UP TO 75 H.P.	10750.	5313.	6	49	756.35	857.81
2) 76 TO 110 H.P.	11000.	3250.	6	30	1234.03	512.50
3) OVER 110 H.P.	2500.	125.	5	5	174.75	22.50
STANDBY GENERATOR	6450.	3550.	14	55	13.76	226.07
PRESSURE WASHER	475.	350.	3	74	23.95	90.00
TOOLS AND VET., EQUIPMENT	625.	463.	5	74	37.00	82.12
GRAIN AUGER	900.	468.	5	52	25.97	80.62
OTHER						
▲▲▲▲SUB-TOTAL	50272.	26434.			4025.51	4963.40
LAND - BLDGS. SITE & PASTURE	4000.	4000.		100		
TOTAL INVESTMENT	298940.	252803.			8929.26	14224.89

APPENDIX B

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: TOTAL PROVINCE

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
620	▲MARKET HOGS	1056.4	CWT DRS	$ 83.30/CWT	88001.44	141.13	107.78
1	SOWS	2.2	CWT DRS	$ 68.33/CWT	149.10	0.24	0.18
	BOARS	0.3	CWT DRS	$ 60.14/CWT	17.76	0.03	0.02
	▲WEANERS	0.3	HEAD	$ 28.50/HEAD	7.82	0.01	0.01
	▲FEEDERS		HEAD	$ /HEAD			
3	▲BREEDING STOCK	3.5	HEAD	$162.89/HEAD	568.53	0.91	0.70
GOVERNMENT SUPPORT PAYMENTS					3050.97	4.89	3.74
INV.CHANGE(SOW,GIL,FDRS,WNR					(788.41)	(1.26)	(0.97)
OTHER RECEIPTS					265.81	0.43	0.33
A.GROSS INCOME					91273.04	146.38	111.79
FEED COSTS:							
BARLEY		106.8	TONNES	$103.91/TONNE	11096.52	17.80	13.59
OTHER GRAINS		10.3	TONNES	$122.89/TONNE	1267.48	2.03	1.55
	•/• DRY SOW RATION		TONNES	$ /TONNE			
35	•/• NURSING SOW RATN		TONNES	$380.00/TONNE	0.37		
17	•/• PRE-STARTER RATN	0.6	TONNES	$260.73/TONNE	143.66	0.23	0.18
18	•/• STARTER RATION	3.9	TONNES	$297.95/TONNE	1160.37	1.86	1.42
16	•/• GROWER RATION	57.4	TONNES	$179.62/TONNE	10319.07	16.55	12.64
14	•/• FINISHER RATION	1.8	TONNES	$162.77/TONNE	293.84	0.47	0.36
40	•/• PROTEIN SUPPLMNT	8.1	TONNES	$391.68/TONNE	3187.62	5.11	3.90
40	•/• PROTEIN SUPPLMNT	0.9	TONNES	$400.97/TONNE	366.65	0.59	0.45
37	•/• RAPESEED MEAL	0.8	TONNES	$205.01/TONNE	154.92	0.25	0.19
41	•/• SOYABEAN MEAL	3.2	TONNES	$336.12/TONNE	1072.54	1.72	1.31
VIT.+MINERALS+SALT+LIMESTNE		1.6	TONNES	$ /TONNE	765.43	1.23	0.94
FEED PROCESSING			TONNES	$ /TONNE	42.21	0.07	0.05
FEED TRUCKING COSTS			TONNES	$ 28.90/TONNE	28.90	0.05	0.04
OTHER FEED ITEMS		0.9	TONNES	$ /TONNE	104.65	0.17	0.13
TOTAL FEED COSTS					30004.44	48.12	36.75
OTHER CASH COSTS:							
WEANERS		399.3	HEAD	$ 48.65/HEAD	19425.91	31.15	23.79
FEEDERS		243.6	HEAD	$ 60.76/HEAD	14799.68	23.74	18.13
GILTS		0.6	HEAD	$174.24/HEAD	99.08	0.16	0.12
BOARS		0.1	HEAD	$283.75/HEAD	22.25	0.04	0.03
BEDDING		2.0	TONNES	$ 25.97/TONNE	51.36	0.08	0.06
VET.+MED.,CHEM.+DISINFECT.					372.98	0.60	0.46
MANURE DISPOSAL (IF HIRED)					254.25	0.41	0.31
HIRED LABOUR		15.8	HOURS	$ 5.66/HOUR	89.41	0.14	0.11
HOG TRUCKING COSTS					734.02	1.18	0.90
MARKETING « ASSEMBLY CHARG.					2118.60	3.40	2.59
TAXES,INSURANCES « UTILIT.					1698.97	2.72	2.08
MACH.BLDG.EQP. OPERTNG.+REP					3106.74	4.98	3.80
ACCTNG,PROF.DUES + MISC.					1564.73	2.51	1.92
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					2876.07	4.61	3.52
PAID INTEREST-CAPITAL LOANS					1952.54	3.13	2.39
OTHER CASH COSTS					49166.60	78.85	60.22
▲▲▲TOTAL CASH COSTS▲▲▲					79171.04	126.97	96.96
NON-CASH COSTS:							
OPERATOR'S LABOUR		835.2	HOURS	$ 6.85/HOUR	5720.99	9.18	7.01
FAMILY LABOUR		87.6	HOURS	$ 4.34/HOUR	380.11	0.61	0.47
DEPRECIATION (BLDG.+EQUIP.)					4885.85	7.84	5.98
▲▲▲TOTAL NON-CASH COSTS▲▲▲					10986.94	17.62	13.46
B.TOTAL PRODUCTION COSTS					90157.98	144.59	110.42
C.RETURN TO EQUITY (A-B)					1115.05	1.79	1.37

HEAD HANDLED	947.3	DEATHLOSS o/o	4.4	CWT.LIVE WGHT.	1046.5	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	816.5	LB.DRS.WT/HOG	170.5	NO. HOG EQU.	479.0	AVERAGE INDEX	102.2
LBS.FD/HOG EQ	903.2	HOME FEED o/o	51.7	HOG RECPT.o/o	68.8	AVG.FEED CONV	4.1
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	226.6				

GRS.MARGIN/CWT	14.8	NET INCOME/CWT	8.8	EQUITY INT.o/o	1.9	INVEST.INT.o/o	4.3

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 1

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
182	▲MARKET HOGS	311.3	CWT DRS	$ 84.07/CWT	26166.33	143.51	98.98
	SOWS		CWT DRS	$ /CWT			
	BOARS		CWT DRS	$ /CWT			
	▲WEANERS		HEAD	$ /HEAD			
	▲FEEDERS		HEAD	$ /HEAD			
	▲BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					1665.67	9.14	6.30
INV.CHANGE(SOW,GIL,FDRS,WNR					(674.18)	(3.70)	(2.55)
OTHER RECEIPTS					63.98	0.35	0.24
A.GROSS INCOME					27221.80	149.30	102.97
FEED COSTS:							
BARLEY		5.4	TONNES	$103.17/TONNE	568.63	3.12	2.15
OTHER GRAINS		0.4	TONNES	$136.74/TONNE	49.00	0.27	0.19
	•/• DRY SOW RATION		TONNES	$ /TONNE			
	•/• NURSING SOW RATN		TONNES	$ /TONNE			
	•/• PRE-STARTER RATN		TONNES	$ /TONNE			
18	•/• STARTER RATION	0.1	TONNES	$520.00/TONNE	34.67	0.19	0.13
16	•/• GROWER RATION	20.5	TONNES	$192.00/TONNE	3927.00	21.54	14.85
14	•/• FINISHER RATION	30.7	TONNES	$162.77/TONNE	4995.33	27.40	18.90
40	•/• PROTEIN SUPPLMNT		TONNES	$420.00/TONNE	14.00	0.08	0.05
	•/• PROTEIN SUPPLMNT		TONNES	$ /TONNE			
	•/• RAPESEED MEAL		TONNES	$ /TONNE			
	•/• SOYABEAN MEAL		TONNES	$ /TONNE			
VIT.+MINERALS+SALT+LIMESTNE			TONNES	$ /TONNE			
FEED PROCESSING			TONNES	$ /TONNE			
FEED TRUCKING COSTS			TONNES	$251.33/TONNE	251.33	1.38	0.95
OTHER FEED ITEMS		0.7	TONNES	$ /TONNE	33.00	0.18	0.12
TOTAL FEED COSTS					9872.96	54.15	37.35
OTHER CASH COSTS:							
WEANERS		168.7	HEAD	$ 44.39/HEAD	7487.33	41.06	28.32
FEEDERS			HEAD	$ /HEAD			
GILTS			HEAD	$ /HEAD			
BOARS			HEAD	$ /HEAD			
BEDDING		1.1	TONNES	$ 16.18/TONNE	18.33	0.10	0.07
VET.+MED.,CHEM.+DISINFECT.					50.00	0.27	0.19
MANURE DISPOSAL (IF HIRED)					955.67	5.24	3.62
HIRED LABOUR			HOURS	$ /HOUR			
HOG TRUCKING COSTS					439.33	2.41	1.66
MARKETING « ASSEMBLY CHARG.					191.79	1.05	0.73
TAXES,INSURANCES « UTILIT.					224.67	1.23	0.85
MACH.BLDG.EQP. OPERTNG.+REP					275.51	1.51	1.04
ACCTNG,PROF.DUES + MISC.					981.33	5.38	3.71
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					794.26	4.36	3.00
PAID INTEREST-CAPITAL LOANS					9.42	0.05	0.04
OTHER CASH COSTS					11427.64	62.67	43.23
▲▲▲TOTAL CASH COSTS▲▲▲					21300.60	116.82	80.57
NON-CASH COSTS:							
OPERATOR'S LABOUR		367.0	HOURS	$ 6.85/HOUR	2512.81	13.78	9.51
FAMILY LABOUR			HOURS	$ /HOUR			
DEPRECIATION (BLDG.+EQUIP.)					1277.20	7.00	4.83
▲▲▲TOTAL NON-CASH COSTS▲▲▲					3790.01	20.79	14.34
B.TOTAL PRODUCTION COSTS					25090.61	137.61	94.91
C.RETURN TO EQUITY (A-B)					2131.19	11.69	8.06

HEAD HANDLED	261.0	DEATHLOSS o/o	4.1	CWT.LIVE WGHT.	338.9	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	264.4	LB.DRS.WT/HOG	170.7	NO. HOG EQU.	154.9	AVERAGE INDEX	101.5
LBS.FD/HOG EQ	822.3	HOME FEED o/o	37.4	HOG RECPT.o/o	24.2	AVG.FEED CONV	3.8
LB.AVG.DLY.GN.	1.2	AV.DAYS ON FD	180.8				

GRS.MARGIN/CWT	22.4	NET INCOME/CWT	17.6	EQUITY INT.o/o	11.9	INVEST.INT.o/o	11.9

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 2

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
760	▲MARKET HOGS	1320.5	CWT DRS	$ 81.94/CWT	108193.32	140.41	109.14
2	SOWS	6.0	CWT DRS	$ 65.26/CWT	390.93	0.51	0.39
	BOARS	0.5	CWT DRS	$ 62.93/CWT	29.71	0.04	0.03
1	▲WEANERS	1.0	HEAD	$ 28.50/HEAD	28.50	0.04	0.03
	▲FEEDERS		HEAD	$ /HEAD			
9	▲BREEDING STOCK	9.2	HEAD	$168.18/HEAD	1549.64	2.01	1.56
GOVERNMENT SUPPORT PAYMENTS					3739.46	4.85	3.77
INV.CHANGE(SOW,GIL,FDRS,WNR					330.20	0.43	0.33
OTHER RECEIPTS					160.93	0.21	0.16
A.GROSS INCOME					114422.70	148.49	115.42
FEED COSTS:							
BARLEY		75.1	TONNES	$102.96/TONNE	7729.03	10.03	7.80
OTHER GRAINS		11.5	TONNES	$108.68/TONNE	1252.27	1.63	1.26
	•/• DRY SOW RATION		TONNES	$ /TONNE			
35	•/• NURSING SOW RATN		TONNES	$380.00/TONNE	1.36		
	•/• PRE-STARTER RATN		TONNES	$ /TONNE			
18	•/• STARTER RATION	5.3	TONNES	$355.83/TONNE	1891.76	2.46	1.91
16	•/• GROWER RATION	125.3	TONNES	$182.60/TONNE	22888.35	29.70	23.09
	•/• FINISHER RATION		TONNES	$ /TONNE			
40	•/• PROTEIN SUPPLMNT	8.9	TONNES	$406.34/TONNE	3614.73	4.69	3.65
	•/• PROTEIN SUPPLMNT		TONNES	$ /TONNE			
	•/• RAPESEED MEAL		TONNES	$ /TONNE			
16	•/• SOYABEAN MEAL	2.2	TONNES	$322.89/TONNE	725.57	0.94	0.73
VIT.+MINERALS+SALT+LIMESTNE		2.1	TONNES	$ /TONNE	1182.79	1.53	1.19
FEED PROCESSING			TONNES	$ /TONNE			
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS		1.2	TONNES	$ /TONNE	83.25	0.11	0.08
TOTAL FEED COSTS					39369.11	51.09	39.71
OTHER CASH COSTS:							
WEANERS		480.1	HEAD	$ 47.69/HEAD	22893.38	29.71	23.09
FEEDERS		328.4	HEAD	$ 61.29/HEAD	20129.13	26.12	20.31
GILTS		2.1	HEAD	$174.24/HEAD	360.93	0.47	0.36
BOARS		0.1	HEAD	$167.50/HEAD	23.93	0.03	0.02
BEDDING		0.7	TONNES	$ 26.37/TONNE	17.84	0.02	0.02
VET.+MED.,CHEM.+DISINFECT.					332.36	0.43	0.34
MANURE DISPOSAL (IF HIRED)					7.14	0.01	0.01
HIRED LABOUR		30.2	HOURS	$ 5.04/HOUR	152.14	0.20	0.15
HOG TRUCKING COSTS					1078.93	1.40	1.09
MARKETING « ASSEMBLY CHARG.					2445.57	3.17	2.47
TAXES,INSURANCES « UTILIT.					1115.41	1.45	1.13
MACH.BLDG.EQP. OPERTNG.+REP					3686.06	4.78	3.72
ACCTNG,PROF.DUES + MISC.					2343.71	3.04	2.36
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					3625.87	4.71	3.66
PAID INTEREST-CAPITAL LOANS					2229.50	2.89	2.25
OTHER CASH COSTS					60441.91	78.44	60.97
▲▲▲TOTAL CASH COSTS▲▲▲					99811.01	129.53	100.69
NON-CASH COSTS:							
OPERATOR'S LABOUR		837.6	HOURS	$ 6.85/HOUR	5737.61	7.45	5.79
FAMILY LABOUR		148.4	HOURS	$ 5.38/HOUR	798.79	1.04	0.81
DEPRECIATION (BLDG.+EQUIP.)					4733.74	6.14	4.78
▲▲▲TOTAL NON-CASH COSTS▲▲▲					11270.14	14.63	11.37
B.TOTAL PRODUCTION COSTS					111081.15	144.13	112.05
C.RETURN TO EQUITY (A-B)					3341.55	4.34	3.37

HEAD HANDLED	1152.8	DEATHLOSS o/o	3.8	CWT.LIVE WGHT.	1270.8	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	991.3	LB.DRS.WT/HOG	173.7	NO. HOG EQU.	570.8	AVERAGE INDEX	102.5
LBS.FD/HOG EQ	887.0	HOME FEED o/o	30.1	HOG RECPT.o/o	54.5	AVG.FEED CONV	4.0
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	224.4				

GRS.MARGIN/CWT	14.7	NET INCOME/CWT	10.0	EQUITY INT.o/o	6.8	INVEST.INT.o/o	8.8

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: REGION 3

				TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
642 ▲MARKET HOGS	1059.2	CWT DRS	$ 83.31/CWT	88246.18	137.50	101.40
SOWS		CWT DRS	$ /CWT			
BOARS	0.6	CWT DRS	$ 53.73/CWT	30.00	0.05	0.03
▲WEANERS		HEAD	$ /HEAD			
▲FEEDERS		HEAD	$ /HEAD			
▲BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS				3881.14	6.05	4.46
INV.CHANGE(SOW,GIL,FDRS,WNR				2719.13	4.24	3.12
OTHER RECEIPTS				205.90	0.32	0.24
A.GROSS INCOME				95082.35	148.15	109.25
FEED COSTS:						
BARLEY	98.4	TONNES	$101.48/TONNE	9989.87	15.57	11.48
OTHER GRAINS	4.7	TONNES	$131.47/TONNE	621.14	0.97	0.71
•/• DRY SOW RATION		TONNES	$ /TONNE			
•/• NURSING SOW RATN		TONNES	$ /TONNE			
•/• PRE-STARTER RATN		TONNES	$ /TONNE			
18 •/• STARTER RATION	4.2	TONNES	$254.85/TONNE	1082.42	1.69	1.24
16 •/• GROWER RATION	52.3	TONNES	$167.36/TONNE	8758.07	13.65	10.06
•/• FINISHER RATION		TONNES	$ /TONNE			
40 •/• PROTEIN SUPPLMNT	4.2	TONNES	$383.01/TONNE	1600.11	2.49	1.84
•/• PROTEIN SUPPLMNT	5.0	TONNES	$400.00/TONNE	2016.00	3.14	2.32
•/• RAPESEED MEAL		TONNES	$ /TONNE			
48 •/• SOYABEAN MEAL	2.2	TONNES	$472.05/TONNE	1049.00	1.63	1.21
VIT.+MINERALS+SALT+LIMESTNE	1.0	TONNES	$ /TONNE	485.00	0.76	0.56
FEED PROCESSING		TONNES	$ /TONNE	215.22	0.34	0.25
FEED TRUCKING COSTS		TONNES	$ 80.00/TONNE	80.00	0.12	0.09
OTHER FEED ITEMS	0.2	TONNES	$ /TONNE	75.97	0.12	0.09
TOTAL FEED COSTS				25972.81	40.47	29.84
OTHER CASH COSTS:						
WEANERS	369.8	HEAD	$ 51.63/HEAD	19091.00	29.75	21.94
FEEDERS	323.7	HEAD	$ 60.77/HEAD	19668.44	30.65	22.60
GILTS		HEAD	$ /HEAD			
BOARS		HEAD	$ /HEAD			
BEDDING	2.1	TONNES	$ 23.14/TONNE	47.98	0.07	0.06
VET.+MED.,CHEM.+DISINFECT.				165.89	0.26	0.19
MANURE DISPOSAL (IF HIRED)				111.11	0.17	0.13
HIRED LABOUR	31.1	HOURS	$ 5.00/HOUR	155.56	0.24	0.18
HOG TRUCKING COSTS				1021.67	1.59	1.17
MARKETING « ASSEMBLY CHARG.				2294.89	3.58	2.64
TAXES,INSURANCES « UTILIT.				1480.24	2.31	1.70
MACH.BLDG.EQP. OPERTNG.+REP				2523.15	3.93	2.90
ACCTNG,PROF.DUES + MISC.				1916.11	2.99	2.20
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)				2884.89	4.50	3.31
PAID INTEREST-CAPITAL LOANS				1441.84	2.25	1.66
OTHER CASH COSTS				52802.77	82.28	60.67
▲▲▲TOTAL CASH COSTS▲▲▲				78775.58	122.75	90.52
NON-CASH COSTS:						
OPERATOR'S LABOUR	700.6	HOURS	$ 6.85/HOUR	4798.62	7.48	5.51
FAMILY LABOUR	197.3	HOURS	$ 3.43/HOUR	676.85	1.05	0.78
DEPRECIATION (BLDG.+EQUIP.)				3321.85	5.18	3.82
▲▲▲TOTAL NON-CASH COSTS▲▲▲				8797.32	13.71	10.11
B.TOTAL PRODUCTION COSTS				87572.90	136.45	100.62
C.RETURN TO EQUITY (A-B)				7509.45	11.70	8.63

HEAD HANDLED	995.7	DEATHLOSS o/o	2.7	CWT.LIVE WGHT.	1114.4	AVG. DRS. o/o	78.1
DRS.WT.EQ.CWT	870.3	LB.DRS.WT/HOG	165.0	NO. HOG EQU.	527.3	AVERAGE INDEX	102.6
LBS.FD/HOG EQ	721.9	HOME FEED o/o	40.9	HOG RECPT.o/o	90.5	AVG.FEED CONV	3.4
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	213.0				

GRS.MARGIN/CWT	18.7	NET INCOME/CWT	14.9	EQUITY INT.o/o	22.5	INVEST.INT.o/o	19.1

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 4

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
688	▲MARKET HOGS	1191.4	CWT DRS	$ 84.22/CWT	100342.80	144.86	119.68
1	SOWS	1.4	CWT DRS	$ 72.61/CWT	98.90	0.14	0.12
	BOARS	0.3	CWT DRS	$ 64.14/CWT	22.00	0.03	0.03
	▲WEANERS		HEAD	$ /HEAD			
	▲FEEDERS		HEAD	$ /HEAD			
5	▲BREEDING STOCK	4.9	HEAD	$148.98/HEAD	730.00	1.05	0.87
GOVERNMENT SUPPORT PAYMENTS					5462.90	7.89	6.52
INV.CHANGE(SOW,GIL,FDRS,WNR					(11994.93)	(17.32)	(14.31)
OTHER RECEIPTS					730.00	1.05	0.87
A.GROSS INCOME					95391.67	137.71	113.78
FEED COSTS:							
BARLEY		165.0	TONNES	$102.88/TONNE	16979.66	24.51	20.25
OTHER GRAINS		14.8	TONNES	$112.37/TONNE	1668.37	2.41	1.99
	/ DRY SOW RATION		TONNES	$ /TONNE			
	/ NURSING SOW RATN		TONNES	$ /TONNE			
	/ PRE-STARTER RATN		TONNES	$ /TONNE			
17	*/* STARTER RATION	8.5	TONNES	$265.71/TONNE	2253.85	3.25	2.69
16	*/* GROWER RATION	14.2	TONNES	$179.44/TONNE	2552.60	3.69	3.04
	/ FINISHER RATION		TONNES	$ /TONNE			
40	*/* PROTEIN SUPPLMNT	14.5	TONNES	$382.52/TONNE	5563.80	8.03	6.64
	/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
37	*/* RAPESEED MEAL	2.9	TONNES	$200.24/TONNE	573.90	0.83	0.68
48	*/* SOYABEAN MEAL	5.7	TONNES	$327.99/TONNE	1865.61	2.69	2.23
VIT.+MINERALS+SALT+LIMESTNE		1.9	TONNES	$ /TONNE	1089.15	1.57	1.30
FEED PROCESSING			TONNES	$ /TONNE			
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS		1.8	TONNES	$ /TONNE	317.64	0.46	0.38
TOTAL FEED COSTS					32864.59	47.44	39.20
OTHER CASH COSTS:							
WEANERS		560.2	HEAD	$ 49.81/HEAD	27901.96	40.28	33.28
FEEDERS		52.0	HEAD	$ 62.35/HEAD	3242.39	4.68	3.87
GILTS			HEAD	$ /HEAD			
BOARS			HEAD	$ /HEAD			
BEDDING		3.9	TONNES	$ 29.88/TONNE	116.32	0.17	0.14
VET.+MED.,CHEM.+DISINFECT.					806.30	1.16	0.96
MANURE DISPOSAL (IF HIRED)					400.00	0.58	0.48
HIRED LABOUR		10.3	HOURS	$ 10.00/HOUR	103.00	0.15	0.12
HOG TRUCKING COSTS					364.63	0.53	0.43
MARKETING ◄ ASSEMBLY CHARG.					2583.00	3.73	3.08
TAXES,INSURANCES ◄ UTILIT.					2698.50	3.90	3.22
MACH.BLDG.EQP. OPERTNG.+REP					3461.04	5.00	4.13
ACCTNG,PROF.DUES + MISC.					2360.50	3.41	2.82
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5*/*)					2979.96	4.30	3.55
PAID INTEREST-CAPITAL LOANS					5146.62	7.43	6.14
OTHER CASH COSTS					52164.22	75.31	62.22
▲▲▲TOTAL CASH COSTS▲▲▲					85028.80	122.75	101.42
NON-CASH COSTS:							
OPERATOR'S LABOUR		959.3	HOURS	$ 6.85/HOUR	6571.20	9.49	7.84
FAMILY LABOUR		36.3	HOURS	$ 3.43/HOUR	124.51	0.18	0.15
DEPRECIATION (BLDG.+EQUIP.)					7523.68	10.86	8.97
▲▲▲TOTAL NON-CASH COSTS▲▲▲					14219.39	20.53	16.96
B.TOTAL PRODUCTION COSTS					99248.19	143.28	118.38
C.RETURN TO EQUITY (A-B)					-3856.52	-5.57	-4.60

HEAD HANDLED	1019.2	DEATHLOSS o/o	8.5	CWT.LIVE WGHT.	1074.9	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	838.4	LB.DRS.WT/HOG	173.2	NO. HOG EQU.	484.0	AVERAGE INDEX	102.0
LBS.FD/HOG EQ	1043.8	HOME FEED o/o	68.1	HOG RECPT.o/o	68.5	AVG.FEED CONV	4.7
LB.AVG.DLY.GN.	0.9	AV.DAYS ON FD	238.5				

GRS.MARGIN/CWT	12.4	NET INCOME/CWT	3.4	EQUITY INT.o/o	-4.2	INVEST.INT.o/o	1.0

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 5

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
425	▲MARKET HOGS	719.8	CWT DRS	$ 84.17/CWT	60584.90	142.60	100.18
	SOWS	1.7	CWT DRS	$ 84.33/CWT	145.29	0.34	0.24
	BOARS		CWT DRS	$ /CWT			
	▲WEANERS		HEAD	$ /HEAD			
	▲FEEDERS		HEAD	$ /HEAD			
	▲BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					1074.43	2.53	1.78
INV.CHANGE(SOW,GIL,FDRS,WNR					5149.59	12.12	8.52
OTHER RECEIPTS					77.29	0.18	0.13
A.GROSS INCOME----------					67031.50	157.77	110.84
FEED COSTS:							
BARLEY		125.6	TONNES	$105.65/TONNE	13271.42	31.24	21.94
OTHER GRAINS		19.6	TONNES	$148.45/TONNE	2910.68	6.85	4.81
	•/• DRY SOW RATION		TONNES	$ /TONNE			
	•/• NURSING SOW RATN		TONNES	$ /TONNE			
	•/• PRE-STARTER RATN		TONNES	$ /TONNE			
18	•/• STARTER RATION	0.1	TONNES	$328.40/TONNE	45.74	0.11	0.08
	•/• GROWER RATION		TONNES	$ /TONNE			
	•/• FINISHER RATION		TONNES	$ /TONNE			
40	•/• PROTEIN SUPPLMNT	5.7	TONNES	$396.95/TONNE	2248.16	5.29	3.72
40	•/• PROTEIN SUPPLMNT	0.2	TONNES	$435.49/TONNE	79.32	0.19	0.13
38	•/• RAPESEED MEAL	1.4	TONNES	$218.83/TONNE	308.86	0.73	0.51
47	•/• SOYABEAN MEAL	7.8	TONNES	$302.29/TONNE	2349.23	5.53	3.88
VIT.+MINERALS+SALT+LIMESTNE		3.0	TONNES	$ /TONNE	1031.63	2.43	1.71
FEED PROCESSING			TONNES	$ /TONNE	30.84	0.07	0.05
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS			TONNES	$ /TONNE			
TOTAL FEED COSTS----------					22275.88	52.43	36.83
OTHER CASH COSTS:							
WEANERS		171.9	HEAD	$ 55.35/HEAD	9512.71	22.39	15.73
FEEDERS		348.3	HEAD	$ 64.07/HEAD	22316.00	52.53	36.90
GILTS			HEAD	$ /HEAD			
BOARS			HEAD	$ /HEAD			
BEDDING		3.3	TONNES	$ 24.96/TONNE	83.14	0.20	0.14
VET.+MED.,CHEM.+DISINFECT.					279.74	0.66	0.46
MANURE DISPOSAL (IF HIRED)							
HIRED LABOUR			HOURS	$ /HOUR			
HOG TRUCKING COSTS					501.71	1.18	0.83
MARKETING « ASSEMBLY CHARG.					1409.44	3.32	2.33
TAXES,INSURANCES « UTILIT.					1803.03	4.24	2.98
MACH.BLDG.EQP. OPERTNG.+REP					2586.58	6.09	4.28
ACCTNG,PROF.DUES + MISC.					74.79	0.18	0.12
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					2357.67	5.55	3.90
PAID INTEREST-CAPITAL LOANS					310.43	0.73	0.51
OTHER CASH COSTS----------					41235.24	97.06	68.18
▲▲▲TOTAL CASH COSTS▲▲▲					63511.11	149.49	105.02
NON-CASH COSTS:							
OPERATOR'S LABOUR		600.4	HOURS	$ 6.85/HOUR	4111.33	9.68	6.80
FAMILY LABOUR		36.1	HOURS	$ 3.43/HOUR	123.69	0.29	0.20
DEPRECIATION (BLDG.+EQUIP.)					4099.40	9.65	6.78
▲▲▲TOTAL NON-CASH COSTS▲▲▲					8334.42	19.62	13.78
B.TOTAL PRODUCTION COSTS----------					71845.53	169.11	118.80
C.RETURN TO EQUITY (A-B)					~4814.03	~11.33	~7.96

HEAD HANDLED	714.3	DEATHLOSS o/o	4.1	CWT.LIVE WGHT.	775.2	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	604.8	LB.DRS.WT/HOG	169.4	NO. HOG EQU.	357.0	AVERAGE INDEX	101.3
LBS.FD/HOG EQ	1008.1	HOME FEED o/o	72.0	HOG RECPT.o/o	87.2	AVG.FEED CONV	4.6
LB.AVG.DLY.GN.	0.8	AV.DAYS ON FD	255.8				

DRS.MARGIN/CWT	5.8	NET INCOME/CWT	~1.0	EQUITY INT.o/o	~7.5	INVEST.INT.o/o	~6.7

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: REGION 6

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
735 ▲MARKET HOGS	1223.6	CWT DRS	$	84.21/CWT	103039.60	140.23	105.99
SOWS		CWT DRS	$	/CWT			
BOARS		CWT DRS	$	/CWT			
▲WEANERS		HEAD	$	/HEAD			
▲FEEDERS		HEAD	$	/HEAD			
▲BREEDING STOCK		HEAD	$	/HEAD			
GOVERNMENT SUPPORT PAYMENTS							
INV.CHANGE(SOW,GIL,FDRS,WNR					1780.29	2.42	1.83
OTHER RECEIPTS					283.41	0.39	0.29
A.GROSS INCOME					105103.31	143.04	108.11
FEED COSTS:							
BARLEY	127.7	TONNES	$	104.62/TONNE	13362.23	18.18	13.75
OTHER GRAINS		TONNES	$	/TONNE			
•/• DRY SOW RATION		TONNES	$	/TONNE			
•/• NURSING SOW RATN		TONNES	$	/TONNE			
17 •/• PRE-STARTER RATN	5.6	TONNES	$	260.73/TONNE	1465.32	1.99	1.51
•/• STARTER RATION		TONNES	$	/TONNE			
16 •/• GROWER RATION	100.1	TONNES	$	179.25/TONNE	17941.20	24.42	18.46
•/• FINISHER RATION		TONNES	$	/TONNE			
40 •/• PROTEIN SUPPLMNT	6.1	TONNES	$	377.16/TONNE	2284.84	3.11	2.35
•/• PROTEIN SUPPLMNT		TONNES	$	/TONNE			
•/• RAPESEED MEAL		TONNES	$	/TONNE			
•/• SOYABEAN MEAL		TONNES	$	/TONNE			
VIT.+MINERALS+SALT+LIMESTNE		TONNES	$	/TONNE			
FEED PROCESSING		TONNES	$	/TONNE			
FEED TRUCKING COSTS		TONNES	$	/TONNE			
OTHER FEED ITEMS	0.8	TONNES	$	/TONNE	42.47	0.06	0.04
TOTAL FEED COSTS					35096.05	47.76	36.10
OTHER CASH COSTS:							
WEANERS	424.0	HEAD	$	45.45/HEAD	19269.35	26.22	19.82
FEEDERS	379.8	HEAD	$	54.94/HEAD	20864.78	28.40	21.46
GILTS		HEAD	$	/HEAD			
BOARS		HEAD	$	/HEAD			
BEDDING	0.6	TONNES	$	24.25/TONNE	13.58	0.02	0.01
VET.+MED.,CHEM.+DISINFECT.					443.62	0.60	0.46
MANURE DISPOSAL (IF HIRED)					100.00	0.14	0.10
HIRED LABOUR		HOURS	$	/HOUR			
HOG TRUCKING COSTS					765.40	1.04	0.79
MARKETING < ASSEMBLY CHARG.					2584.20	3.52	2.66
TAXES,INSURANCES < UTILIT.					2317.00	3.15	2.38
MACH.BLDG.EQP. OPERTNG.+REP					5284.98	7.20	5.44
ACCTNG.PROF.DUES + MISC.					466.00	0.63	0.48
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					3379.27	4.60	3.48
PAID INTEREST-CAPITAL LOANS					170.85	0.23	0.17
OTHER CASH COSTS					55660.22	75.75	57.24
▲▲▲TOTAL CASH COSTS▲▲▲					90756.28	123.51	93.34
NON-CASH COSTS:							
OPERATOR'S LABOUR	1128.0	HOURS	$	6.85/HOUR	7726.93	10.52	7.95
FAMILY LABOUR		HOURS	$	/HOUR			
DEPRECIATION (BLDG.+EQUIP.)					8354.71	11.37	8.59
▲▲▲TOTAL NON-CASH COSTS▲▲▲					16081.64	21.89	16.54
B.TOTAL PRODUCTION COSTS					106837.92	145.40	109.90
C.RETURN TO EQUITY (A-B)					⁻1734.61	⁻2.36	⁻1.78

HEAD HANDLED	1179.0	DEATHLOSS o/o	2.3	CWT.LIVE WGHT.	1246.3	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	972.1	LB.DRS.WT/HOG	144.5	NO. HOG EQU.	583.8	AVERAGE INDEX	102.0
LBS.FD/HOG EQ	939.4	HOME FEED o/o	72.4	HOG RECPT.o/o	42.4	AVG.FEED CONV	4.4
LB.AVG.DLY.GN.	0.9	AV.DAYS ON FD	239.3				

GRS.MARGIN/CWT	14.8	NET INCOME/CWT	6.2	EQUITY INT.o/o	⁻1.7	INVEST.INT.o/o	⁻1.4

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: REGION 7

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
371 ▲MARKET HOGS	617.6	CWT DRS	$	85.23/CWT	52643.97	141.77	95.17
SOWS	0.6	CWT DRS	$	71.90/CWT	41.70	0.11	0.08
BOARS		CWT DRS	$	/CWT			
▲WEANERS		HEAD	$	/HEAD			
▲FEEDERS		HEAD	$	/HEAD			
▲BREEDING STOCK		HEAD	$	/HEAD			
GOVERNMENT SUPPORT PAYMENTS					389.99	1.05	0.71
INV.CHANGE(SOW,BIL,FDRS,WNR					2573.20	6.93	4.65
OTHER RECEIPTS							
A.GROSS INCOME----------					55648.86	149.86	100.61
FEED COSTS:							
BARLEY	108.3	TONNES	$	112.59/TONNE	12197.82	32.85	22.05
OTHER GRAINS	11.8	TONNES	$	121.84/TONNE	1437.99	3.87	2.60
•/• DRY SOW RATION		TONNES	$	/TONNE			
•/• NURSING SOW RATN		TONNES	$	/TONNE			
•/• PRE-STARTER RATN		TONNES	$	/TONNE			
•/• STARTER RATION		TONNES	$	/TONNE			
•/• GROWER RATION		TONNES	$	/TONNE			
•/• FINISHER RATION		TONNES	$	/TONNE			
40 •/• PROTEIN SUPPLMNT	12.5	TONNES	$	393.27/TONNE	4906.67	13.21	8.87
•/• PROTEIN SUPPLMNT		TONNES	$	/TONNE			
•/• RAPESEED MEAL		TONNES	$	/TONNE			
•/• SOYABEAN MEAL		TONNES	$	/TONNE			
VIT.+MINERALS+SALT+LIMESTNE		TONNES	$	/TONNE			
FEED PROCESSING		TONNES	$	/TONNE			
FEED TRUCKING COSTS		TONNES	$	/TONNE			
OTHER FEED ITEMS		TONNES	$	/TONNE			
TOTAL FEED COSTS----------					18542.47	49.93	33.52
OTHER CASH COSTS:							
WEANERS	295.0	HEAD	$	38.39/HEAD	11325.99	30.50	20.48
FEEDERS	18.3	HEAD	$	54.55/HEAD	1000.00	2.69	1.81
SILTS		HEAD	$	/HEAD			
BOARS	0.7	HEAD	$	400.00/HEAD	266.67	0.72	0.48
BEDDING	1.4	TONNES	$	16.26/TONNE	23.23	0.06	0.04
VET.+MED..CHEM.+DISINFECT.					162.19	0.44	0.29
MANURE DISPOSAL (IF HIRED)					1500.00	4.04	2.71
HIRED LABOUR		HOURS	$	/HOUR			
HOG TRUCKING COSTS					277.20	0.75	0.50
MARKETING « ASSEMBLY CHARG.					1321.43	3.56	2.39
TAXES,INSURANCES « UTILIT.					1948.16	5.25	3.52
MACH.BLDG.EQP. OPERTNG.+REP					1384.23	3.73	2.50
ACCTNG.PROF.DUES + MISC.					113.92	0.31	0.21
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					1456.95	3.92	2.63
PAID INTEREST-CAPITAL LOANS					290.76	0.78	0.53
OTHER CASH COSTS----------					21070.73	56.74	38.09
▲▲▲TOTAL CASH COSTS▲▲▲					39613.20	106.68	71.62
NON-CASH COSTS:							
OPERATOR'S LABOUR	1342.7	HOURS	$	6.85/HOUR	9197.27	24.77	16.63
FAMILY LABOUR		HOURS	$	/HOUR			
DEPRECIATION (BLDG.+EQUIP.)					1157.10	3.12	2.09
▲▲▲TOTAL NON-CASH COSTS▲▲▲					10354.36	27.88	18.72
B.TOTAL PRODUCTION COSTS----------					49967.56	134.56	90.34
C.RETURN TO EQUITY (A-B)					5681.29	15.30	10.27

HEAD HANDLED	481.3	DEATHLOSS o/o	1.4	CWT.LIVE WGHT.	709.1	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	553.1	LB.DRS.WT/HOG	144.3	NO. HOG EQU.	332.5	AVERAGE INDEX	102.1
LBS.FD/HOG EQ	881.4	HOME FEED o/o	42.4	HOG RECPT.o/o	81.5	AVG.FEED CONV	4.1
LB.AVG.DLY.GN.	1.3	AV.DAYS ON FD	139.7				

DRS.MARGIN/CWT	29.0	NET INCOME/CWT	26.9	EQUITY INT.o/o	49.0	INVEST.INT.o/o	40.3

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: <50 HEAD

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
28	▲MARKET HOGS	47.5	CWT DRS	$ 81.47/CWT	3869.13	137.43	73.51
	SOWS	1.2	CWT DRS	$ 72.97/CWT	89.08	3.16	1.69
	BOARS	0.3	CWT DRS	$ 64.14/CWT	16.92	0.60	0.32
	▲WEANERS		HEAD	$ /HEAD			
	▲FEEDERS		HEAD	$ /HEAD			
	▲BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					145.63	5.17	2.77
INV.CHANGE(SOW,GIL,FORS,WNR					1557.52	55.32	29.59
OTHER RECEIPTS					34.63	1.23	0.66
A.GROSS INCOME==========					5712.92	202.92	108.54
FEED COSTS:							
BARLEY		12.5	TONNES	$110.74/TONNE	1387.41	49.28	26.36
OTHER GRAINS		2.8	TONNES	$ 97.43/TONNE	277.54	9.86	5.27
	•/• DRY SOW RATION		TONNES	$ /TONNE			
	•/• NURSING SOW RATN		TONNES	$ /TONNE			
	•/• PRE-STARTER RATN		TONNES	$ /TONNE			
18	•/• STARTER RATION	0.1	TONNES	$340.85/TONNE	34.71	1.30	0.70
16	•/• GROWER RATION		TONNES	$244.00/TONNE	4.69	0.17	0.09
14	•/• FINISHER RATION	0.4	TONNES	$149.68/TONNE	86.31	3.07	1.64
40	•/• PROTEIN SUPPLMNT	1.2	TONNES	$413.63/TONNE	487.77	17.33	9.27
	•/• PROTEIN SUPPLMNT		TONNES	$ /TONNE			
	•/• RAPESEED MEAL		TONNES	$ /TONNE			
	•/• SOYABEAN MEAL		TONNES	$ /TONNE			
VIT.+MINERALS+SALT+LIMESTNE		0.1	TONNES	$ /TONNE	24.54	0.87	0.47
FEED PROCESSING			TONNES	$ /TONNE	16.41	0.59	0.32
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS		0.4	TONNES	$ /TONNE	41.72	1.48	0.79
TOTAL FEED COSTS----------					2363.31	83.94	44.90
OTHER CASH COSTS:							
WEANERS		32.2	HEAD	$ 45.92/HEAD	1476.38	52.44	28.05
FEEDERS		12.9	HEAD	$ 62.04/HEAD	801.69	28.48	15.23
GILTS		0.1	HEAD	$200.00/HEAD	15.38	0.55	0.29
BOARS			HEAD	$ /HEAD			
BEDDING		1.9	TONNES	$ 24.90/TONNE	46.10	1.64	0.88
VET.+MED.,CHEM.+DISINFECT.					45.69	1.62	0.87
MANURE DISPOSAL (IF HIRED)							
HIRED LABOUR			HOURS	$ /HOUR			
HOG TRUCKING COSTS					22.79	0.81	0.43
MARKETING & ASSEMBLY CHARG.					103.63	3.68	1.97
TAXES,INSURANCES & UTILIT.					166.68	5.92	3.17
MACH.BLDG.EQP. OPERTNS.+REP					541.45	19.23	10.29
ACCTNG,PROF.DUES + MISC.					48.67	1.73	0.92
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					217.64	7.73	4.13
PAID INTEREST-CAPITAL LOANS					6.34	0.23	0.12
OTHER CASH COSTS----------					3492.45	124.05	66.34
▲▲▲TOTAL CASH COSTS▲▲▲					5855.76	207.99	111.24
NON-CASH COSTS:							
OPERATOR'S LABOUR		377.0	HOURS	$ 6.85/HOUR	2581.62	91.70	49.05
FAMILY LABOUR		0.9	HOURS	$ 3.43/HOUR	3.01	0.11	0.06
DEPRECIATION (BLDG.+EQUIP.)					898.40	31.91	17.07
▲▲▲TOTAL NON-CASH COSTS▲▲▲					3483.03	123.71	66.18
B.TOTAL PRODUCTION COSTS==========					9338.79	331.71	177.43
C.RETURN TO EQUITY (A-B)					⁻3625.87	⁻128.79	⁻68.89

HEAD HANDLED	70.6	BEATHLOSS o/o	4.2	CWT.LIVE WGHT.	67.5	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	52.6	LB.DRS.WT/HOG	148.7	NO. HOG EQU.	31.2	AVERAGE INDEX	100.5
LBS.FD/HOG EQ	1280.9	HOME FEED o/o	79.8	HOG RECPT.o/o	69.2	AVG.FEED CONV	5.9
LB.AVG.DLY.GN.	0.6	AV.DAYS ON FD	353.2				

DRS.MARGIN/CWT	⁻2.7	NET INCOME/CWT	⁻19.8	EQUITY INT.o/o	⁻36.4	INVEST.INT.o/o	⁻34.1

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: 50-99 HEAD

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
73 ▲MARKET HOGS	126.0	CWT DRS	$	83.09/CWT	10469.44	144.07	102.69
SOWS		CWT DRS	$	/CWT			
BOARS		CWT DRS	$	/CWT			
▲WEANERS		HEAD	$	/HEAD			
▲FEEDERS		HEAD	$	/HEAD			
▲BREEDING STOCK		HEAD	$	/HEAD			
GOVERNMENT SUPPORT PAYMENTS					187.00	2.57	1.83
INV.CHANGE(SOW,GIL,FDRS,WNR					(571.12)	(7.86)	(5.60)
OTHER RECEIPTS							
A.GROSS INCOME					10085.31	138.79	98.92
FEED COSTS:							
BARLEY	21.3	TONNES	$	101.62/TONNE	2162.55	29.76	21.21
OTHER GRAINS	6.0	TONNES	$	98.06/TONNE	583.81	8.03	5.73
•/• DRY SOW RATION		TONNES	$	/TONNE			
•/• NURSING SOW RATN		TONNES	$	/TONNE			
•/• PRE-STARTER RATN		TONNES	$	/TONNE			
18 •/• STARTER RATION		TONNES	$	480.00/TONNE	5.67	0.08	0.06
•/• GROWER RATION		TONNES	$	/TONNE			
•/• FINISHER RATION		TONNES	$	/TONNE			
40 •/• PROTEIN SUPPLMNT	1.4	TONNES	$	433.45/TONNE	614.33	8.45	6.03
•/• PROTEIN SUPPLMNT		TONNES	$	/TONNE			
•/• RAPESEED MEAL		TONNES	$	/TONNE			
•/• SOYABEAN MEAL		TONNES	$	/TONNE			
VIT.+MINERALS+SALT+LIMESTNE		TONNES	$	/TONNE			
FEED PROCESSING		TONNES	$	/TONNE			
FEED TRUCKING COSTS		TONNES	$	/TONNE			
OTHER FEED ITEMS	6.4	TONNES	$	/TONNE	319.19	4.39	3.13
TOTAL FEED COSTS					3685.54	50.72	36.15
OTHER CASH COSTS:							
WEANERS	76.3	HEAD	$	46.05/HEAD	3515.00	48.37	34.48
FEEDERS		HEAD	$	/HEAD			
GILTS		HEAD	$	/HEAD			
BOARS		HEAD	$	/HEAD			
BEDDING	6.5	TONNES	$	23.09/TONNE	149.78	2.06	1.47
VET.+MED.,CHEM.+DISINFECT.					97.67	1.34	0.96
MANURE DISPOSAL (IF HIRED)							
HIRED LABOUR		HOURS	$	/HOUR			
HOG TRUCKING COSTS					103.67	1.43	1.02
MARKETING & ASSEMBLY CHARG.					298.33	4.11	2.93
TAXES,INSURANCES & UTILIT.					114.42	1.57	1.12
MACH.BLDG.EXP. OPERTNG.+REP					1057.84	14.56	10.38
ACCTNG.PROF.DUES + MISC.					23.92	0.33	0.23
INTEREST-OPR.LOAN:LVSTK.FEED ETC.(15.5•/•)					350.54	4.82	3.44
PAID INTEREST-CAPITAL LOANS					53.62	0.74	0.53
OTHER CASH COSTS					5764.77	79.33	56.54
▲▲▲TOTAL CASH COSTS▲▲▲					9450.33	130.05	92.69
NON-CASH COSTS:							
OPERATOR'S LABOUR	345.3	HOURS	$	6.85/HOUR	2502.53	34.44	24.55
FAMILY LABOUR	11.3	HOURS	$	3.43/HOUR	38.87	0.53	0.38
DEPRECIATION (BLDG.+EQUIP.)					1161.49	15.99	11.39
▲▲▲TOTAL NON-CASH COSTS▲▲▲					3703.10	50.96	36.32
B.TOTAL PRODUCTION COSTS					13153.43	181.01	129.02
C.RETURN TO EQUITY (A-B)					-3068.11	-42.22	-30.09

HEAD HANDLED	119.0	DEATHLOSS •/•	3.1	CWT.LIVE WGHT.	130.7	AVG. DRS. •/•	78.0
DRS.WT.EQ.CWT	102.0	LB.DRS.WT/HOG	173.4	NO. HOG EQU.	58.8	AVERAGE INDEX	98.9
LBS.FD/HOG EQ	1302.7	HOME FEED •/•	64.8	HOG RECPT.•/•	60.4	AVG.FEED CONV	5.9
LB.AVG.DLY.GN.	1.3	AV.DAYS ON FD	176.3				

DRS.MARGIN/CWT	6.2	NET INCOME/CWT	-5.2	EQUITY INT.•/•	-23.5	INVEST.INT.•/•	-22.5

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: 100-199 HEAD

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
138 ▲MARKET HOGS	269.0	CWT DRS	$	81.82/CWT	22010.50	139.31	95.60
SOWS		CWT DRS	$	/CWT			
BOARS		CWT DRS	$	/CWT			
▲WEANERS		HEAD	$	/HEAD			
▲FEEDERS		HEAD	$	/HEAD			
▲BREEDING STOCK		HEAD	$	/HEAD			
GOVERNMENT SUPPORT PAYMENTS					1233.00	7.80	5.36
INV.CHANGE(SOW,GIL,FORS,UNR					399.36	2.53	1.73
OTHER RECEIPTS					425.12	2.69	1.85
A.GROSS INCOME					24067.98	152.33	104.54
FEED COSTS:							
BARLEY	71.5	TONNES	$	102.42/TONNE	7325.16	46.36	31.82
OTHER GRAINS		TONNES	$	/TONNE			
•/• DRY SOW RATION		TONNES	$	/TONNE			
•/• NURSING SOW RATN		TONNES	$	/TONNE			
•/• PRE-STARTER RATN		TONNES	$	/TONNE			
•/• STARTER RATION		TONNES	$	/TONNE			
18 •/• GROWER RATION	1.1	TONNES	$	270.00/TONNE	297.00	1.88	1.29
•/• FINISHER RATION		TONNES	$	/TONNE			
40 •/• PROTEIN SUPPLMNT	7.0	TONNES	$	428.57/TONNE	3000.00	18.99	13.03
•/• PROTEIN SUPPLMNT		TONNES	$	/TONNE			
•/• RAPESEED MEAL		TONNES	$	/TONNE			
•/• SOYABEAN MEAL		TONNES	$	/TONNE			
VIT.+MINERALS+SALT+LIMESTNE		TONNES	$	/TONNE			
FEED PROCESSING		TONNES	$	/TONNE			
FEED TRUCKING COSTS		TONNES	$	/TONNE			
OTHER FEED ITEMS		TONNES	$	/TONNE			
TOTAL FEED COSTS					10622.16	67.23	46.14
OTHER CASH COSTS:							
WEANERS	125.0	HEAD	$	24.19/HEAD	3024.00	19.14	13.13
FEEDERS	50.0	HEAD	$	50.00/HEAD	2500.00	15.82	10.86
GILTS		HEAD	$	/HEAD			
BOARS		HEAD	$	/HEAD			
BEDDING	1.1	TONNES	$	21.99/TONNE	24.96	0.16	0.11
VET.+MED.,CHEM.+DISINFECT.					236.00	1.38	1.09
MANURE DISPOSAL (IF HIRED)					50.00	0.32	0.22
HIRED LABOUR		HOURS	$	/HOUR			
HOG TRUCKING COSTS							
MARKETING + ASSEMBLY CHARG.					579.50	3.67	2.52
TAXES,INSURANCES + UTILIT.					607.50	3.84	2.64
MACH.BLDG.EXP. OPERTNG.+REP					1727.10	10.93	7.50
ACCTNG.PROF.DUES + MISC.					475.00	4.27	2.93
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					777.33	4.92	3.38
PAID INTEREST-CAPITAL LOANS							
OTHER CASH COSTS					10215.39	64.65	44.37
▲▲▲TOTAL CASH COSTS▲▲▲					20837.55	131.88	90.50
NON-CASH COSTS:							
OPERATOR'S LABOUR	380.5	HOURS	$	6.85/HOUR	2606.42	16.50	11.32
FAMILY LABOUR	71.5	HOURS	$	3.43/HOUR	245.25	1.55	1.07
DEPRECIATION (BLDG.+EQUIP.)					3006.57	19.03	13.06
▲▲▲TOTAL NON-CASH COSTS▲▲▲					3858.24	37.08	25.44
B.TOTAL PRODUCTION COSTS					26695.80	168.96	115.95
C.RETURN TO EQUITY (A-B)					-2627.82	-16.63	-11.41

HEAD HANDLED	251.0	DEATHLOSS o/o	2.4	CWT.LIVE WGHT.	295.2	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	230.2	LB.DRS.WT/HOG	170.3	NO. HOG EQU.	135.2	AVERAGE INDEX	102.3
LBS.FD/HOG EQ	1307.9	HOME FEED o/o	76.2	HOG RECPT.o/o	16.1	AVG.FEED CONV	5.9
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	229.2				

DRS.MARGIN/CWT	14.0	NET INCOME/CWT	1.0	EQUITY INT.o/o	-11.9	INVEST.INT.o/o	-11.9

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: 200-499 HEAD

				TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
362 ▲MARKET HOGS	407.5	CWT DRS	$ 82.74/CWT	50247.51	138.29	103.62
SOWS		CWT DRS	$ /CWT			
BOARS		CWT DRS	$ /CWT			
1 ▲WEANERS	1.4	HEAD	$ 28.50/HEAD	39.90	0.11	0.08
▲FEEDERS		HEAD	$ /HEAD			
▲BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS				1811.30	4.98	3.73
INV.CHANGE(SOW,GIL,FBRS,WNR				(1283.77)	(3.53)	(2.65)
OTHER RECEIPTS				132.24	0.36	0.27
A.HOGS INCOME				50947.18	140.21	105.06
FEED COSTS:						
BARLEY	73.8	TONNES	$105.45/TONNE	7783.00	21.41	16.04
OTHER GRAINS	9.7	TONNES	$ 80.59/TONNE	781.20	2.15	1.61
●/● DRY SOW RATION		TONNES	$ /TONNE			
35 ●/● NURSING SOW RATN		TONNES	$380.00/TONNE	1.90	0.01	
●/● PRE-STARTER RATN		TONNES	$ /TONNE			
18 ●/● STARTER RATION	1.1	TONNES	$322.89/TONNE	346.46	0.95	0.71
16 ●/● GROWER RATION	38.7	TONNES	$182.80/TONNE	7081.24	19.48	14.60
14 ●/● FINISHER RATION	8.5	TONNES	$163.94/TONNE	1384.40	3.81	2.84
40 ●/● PROTEIN SUPPLMNT	6.8	TONNES	$381.68/TONNE	2583.21	7.11	5.32
●/● PROTEIN SUPPLMNT		TONNES	$ /TONNE			
●/● RAPESEED MEAL		TONNES	$ /TONNE			
●/● SOYABEAN MEAL		TONNES	$ /TONNE			
VIT.+MINERALS+SALT+LIMESTNE		TONNES	$ /TONNE	3.60	0.01	0.01
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS		TONNES	$ 75.40/TONNE	75.40	0.21	0.16
OTHER FEED ITEMS	1.5	TONNES	$ /TONNE	104.10	0.29	0.22
TOTAL FEED COSTS				20148.51	55.43	41.53
OTHER CASH COSTS:						
WEANERS	231.5	HEAD	$ 50.93/HEAD	12007.78	35.23	26.40
FEEDERS	71.0	HEAD	$ 62.60/HEAD	4444.59	12.23	9.16
GILTS		HEAD	$ /HEAD			
BOARS	0.2	HEAD	$400.00/HEAD	80.00	0.22	0.16
BEDDING	4.4	TONNES	$ 27.16/TONNE	119.98	0.33	0.25
VET.+MED.,CHEM.+DISINFECT.				320.49	0.88	0.66
MANURE DISPOSAL (IF HIRED)				336.70	0.93	0.69
HIRED LABOUR		HOURS	$ /HOUR	410.54	1.13	0.85
HOG TRUCKING COSTS				1125.30	3.10	2.32
MARKETING & ASSEMBLY CHARG.				1213.14	3.34	2.50
TAXES,INSURANCES & UTILIT.				3132.31	8.62	6.46
MACH.BLDG.EXP. OPERTNS.+REP				882.10	2.43	1.82
ACCTNG.PROF.DUES + MISC.				1741.48	4.79	3.59
INTEREST-OPR.LOAN:LVSTK.FEED ETC.(15.5+/●)				2109.11	5.80	4.35
PAID INTEREST-CAPITAL LOANS				28723.52	79.02	59.21
OTHER CASH COSTS				48872.03	134.45	100.74
▲▲▲TOTAL CASH COSTS▲▲▲						
NON-CASH COSTS:						
OPERATOR'S LABOUR	915.8	HOURS	$ 4.85/HOUR	4272.26	17.26	12.93
FAMILY LABOUR	62.7	HOURS	$ 3.43/HOUR	215.04	0.59	0.44
DEPRECIATION (BLDG.+EQUIP.)				4320.17	11.88	8.91
▲▲▲TOTAL NON-CASH COSTS▲▲▲				10807.49	29.73	22.28
B.TOTAL PRODUCTION COSTS				59679.52	164.18	123.02
C.RETURN TO EQUITY (A-B)				-8712.34	-23.97	-17.96

HEAD HANDLED	393.1	DEATHLOSS o/o	2.3	CWT.LIVE WGHT.	418.7	AVG. DRS. o/o	78.4
DRS.WT.EQ.CWT	485.1	LB.DRS.WT/HOG	147.8	NO. HOG EQU.	289.1	AVERAGE INDEX	100.4
LBS.FD/HOG EQ	1071.7	HOME FEED o/o	44.9	HOG RECPT.o/o	42.4	AVG.FEED CONV	5.0
LB.AVG.DLY.GN.	0.8	AV.DAYS ON FD	267.6				

GRS.MARGIN/CWT	4.3	NET INCOME/CWT	-4.6	EQUITY INT.o/o	-16.6	INVEST.INT.o/o	-10.1

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: 500-999 HEAD

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
824 ▲MARKET HOGS	1387.5	CWT DRS	$ 84.49/CWT		117225.85	142.32	106.19
2 SOWS	6.9	CWT DRS	$ 65.13/CWT		452.43	0.55	0.41
BOARS	1.0	CWT DRS	$ 58.96/CWT		57.17	0.07	0.05
▲WEANERS		HEAD	$ /HEAD				
▲FEEDERS		HEAD	$ /HEAD				
▲BREEDING STOCK		HEAD	$ /HEAD				
GOVERNMENT SUPPORT PAYMENTS					3513.29	4.27	3.18
INV.CHANGE(SOW,GIL,FBRS,WNR					3511.67	4.26	3.18
OTHER RECEIPTS					278.99	0.34	0.25
A.GROSS INCOME					125038.50	151.81	113.26
FEED COSTS:							
BARLEY	124.1	TONNES	$105.03/TONNE		13035.97	15.83	11.81
OTHER GRAINS	5.1	TONNES	$102.12/TONNE		518.94	0.63	0.47
•/• DRY SOW RATION		TONNES	$ /TONNE				
•/• NURSING SOW RATN		TONNES	$ /TONNE				
17 •/• PRE-STARTER RATN	2.3	TONNES	$260.73/TONNE		610.35	0.74	0.55
18 •/• STARTER RATION	2.8	TONNES	$244.14/TONNE		693.82	0.84	0.63
16 •/• GROWER RATION	113.1	TONNES	$172.39/TONNE		19527.47	23.71	17.69
•/• FINISHER RATION		TONNES	$ /TONNE				
40 •/• PROTEIN SUPPLMNT	4.5	TONNES	$389.87/TONNE		1765.62	2.14	1.60
40 •/• PROTEIN SUPPLMNT	3.9	TONNES	$400.97/TONNE		1558.27	1.89	1.41
38 •/• RAPESEED MEAL	3.2	TONNES	$265.01/TONNE		658.42	0.80	0.60
48 •/• SOYABEAN MEAL	1.8	TONNES	$333.04/TONNE		592.25	0.72	0.54
VIT.+MINERALS+SALT+LIMESTNE	1.2	TONNES	$ /TONNE		590.50	0.72	0.53
FEED PROCESSING		TONNES	$ /TONNE				
FEED TRUCKING COSTS		TONNES	$ /TONNE				
OTHER FEED ITEMS		TONNES	$ /TONNE		25.17	0.03	0.02
TOTAL FEED COSTS					39376.97	48.05	35.85
OTHER CASH COSTS:							
WEANERS	675.2	HEAD	$ 47.97/HEAD		32387.34	39.32	29.34
FEEDERS	233.0	HEAD	$ 69.36/HEAD		16159.81	19.62	14.64
GILTS	2.3	HEAD	$173.32/HEAD		404.42	0.49	0.37
BOARS	0.2	HEAD	$167.50/HEAD		27.92	0.03	0.03
BEDDING	0.7	TONNES	$ 26.82/TONNE		19.08	0.02	0.02
VET.+MED.,CHEM.+DISINFECT.					222.35	0.27	0.20
MANURE DISPOSAL (IF HIRED)					458.33	0.56	0.42
HIRED LABOUR	46.4	HOURS	$ 4.63/HOUR		215.00	0.26	0.19
HOG TRUCKING COSTS					1083.33	1.32	0.98
MARKETING & ASSEMBLY CHARG.					2469.43	3.00	2.24
TAXES,INSURANCES & UTILIT.					2411.33	2.93	2.18
MACH.BLDG.EQP. OPERTNG.+REP					3623.47	4.40	3.28
ACCTNG,PROF.DUES & MISC.					1449.81	1.76	1.31
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					3877.96	4.71	3.51
PAID INTEREST-CAPITAL LOANS					1339.01	1.63	1.21
OTHER CASH COSTS					46148.80	56.31	39.92
▲▲▲TOTAL CASH COSTS▲▲▲					105723.77	128.36	95.77
NON-CASH COSTS:							
OPERATOR'S LABOUR	1114.0	HOURS	$ 6.85/HOUR		7631.01	9.26	6.91
FAMILY LABOUR	168.3	HOURS	$ 3.43/HOUR		577.38	0.70	0.52
DEPRECIATION (BLDG.+EQUIP.)					5339.01	6.51	4.83
▲▲▲TOTAL NON-CASH COSTS▲▲▲					13547.41	16.47	12.29
B.TOTAL PRODUCTION COSTS					119293.18	144.83	108.06
C.RETURN TO EQUITY (A-B)					5745.32	6.98	5.20

HEAD HANDLED	1239.9	DEATHLOSS •/•	3.2	CWT.LIVE WGHT.	1417.3	AVG. DRS. •/•	77.9
DRS.WT.EQ.CWT	1104.0	LB.DRS.WT/HOG	148.4	NO. HOG EQU.	435.4	AVERAGE INDEX	102.8
LBS.FD/HOG EQ	888.6	HOME FEED •/•	29.9	HOG RECPT.•/•	73.2	AVG.FEED CONV	4.1
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	218.3				

DRS.MARGIN/CWT	17.5	NET INCOME/CWT	12.6	EQUITY INT.•/•	9.7	INVEST.INT.•/•	9.9

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: 1000-1499 HEAD

				TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
1257 ▲MARKET HOGS	2210.1	CWT DRS	$ 81.90/CWT	180997.00	141.17	105.18
SOWS		CWT DRS	$ /CWT			
BOARS		CWT DRS	$ /CWT			
▲WEANERS		HEAD	$ /HEAD			
▲FEEDERS		HEAD	$ /HEAD			
25 ▲BREEDING STOCK	25.4	HEAD	$162.89/HEAD	4142.14	3.23	2.41
GOVERNMENT SUPPORT PAYMENTS				8417.29	6.57	4.89
INV.CHANGE(SOW.GIL.FDRS.WNR				(3422.21)	(2.67)	(1.99)
OTHER RECEIPTS				1085.19	0.85	0.63
A.GROSS INCOME				191219.41	149.14	111.12
FEED COSTS:						
BARLEY	173.5	TONNES	$103.02/TONNE	17875.05	13.94	10.39
OTHER GRAINS	25.1	TONNES	$141.33/TONNE	3532.53	2.77	2.06
/ DRY SOW RATION		TONNES	$ /TONNE			
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
18 */* STARTER RATION	4.2	TONNES	$285.72/TONNE	1212.29	0.95	0.70
16 */* GROWER RATION	105.1	TONNES	$193.44/TONNE	20329.14	15.86	11.81
/ FINISHER RATION		TONNES	$ /TONNE			
40 */* PROTEIN SUPPLMNT	9.8	TONNES	$400.38/TONNE	3909.43	3.05	2.27
/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
/ RAPESEED MEAL		TONNES	$ /TONNE			
37 */* SOYABEAN MEAL	12.4	TONNES	$358.02/TONNE	4449.74	3.47	2.59
VIT.+MINERALS+SALT+LIMESTNE	6.8	TONNES	$ /TONNE	3808.93	2.97	2.21
FEED PROCESSING		TONNES	$ /TONNE	276.71	0.22	0.16
FEED TRUCKING COSTS		TONNES	$102.86/TONNE	102.86	0.08	0.06
OTHER FEED ITEMS	0.2	TONNES	$ /TONNE	353.43	0.28	0.21
TOTAL FEED COSTS				55870.10	43.58	32.47
OTHER CASH COSTS:						
WEANERS	675.3	HEAD	$ 47.55/HEAD	32111.13	25.04	18.66
FEEDERS	634.6	HEAD	$ 56.11/HEAD	35605.29	27.77	20.69
GILTS		HEAD	$ /HEAD			
BOARS		HEAD	$ /HEAD			
BEDDING	0.3	TONNES	$ 44.44/TONNE	11.43	0.01	0.01
VET.+MED.,CHEM.+DISINFECT.				1024.71	0.80	0.60
MANURE DISPOSAL (IF HIRED)				571.43	0.45	0.33
HIRED LABOUR	14.7	HOURS	$ 10.00/HOUR	147.14	0.11	0.09
HOG TRUCKING COSTS				1413.14	1.10	0.82
MARKETING & ASSEMBLY CHARG.				5204.72	4.06	3.02
TAXES.INSURANCES & UTILIT.				3115.71	2.43	1.81
MACH.BLDG.EQP. OPERTNG.+REP				4755.21	3.71	2.76
ACCTNG.PROF.DUES & MISC.				4386.71	3.42	2.55
INTEREST-OPR.LOAN:LVSTK.FEED ETC.(15.5*/*)				5588.40	4.36	3.25
PAID INTEREST-CAPITAL LOANS				5054.52	3.94	2.94
OTHER CASH COSTS				98989.54	77.21	57.52
▲▲▲TOTAL CASH COSTS▲▲▲				154859.65	120.78	89.99
NON-CASH COSTS:						
OPERATOR'S LABOUR	943.6	HOURS	$ 6.85/HOUR	6463.46	5.04	3.76
FAMILY LABOUR	14.7	HOURS	$ 3.43/HOUR	50.47	0.04	0.03
DEPRECIATION (BLDG.+EQUIP.)				7941.61	6.19	4.61
▲▲▲TOTAL NON-CASH COSTS▲▲▲				14435.55	11.27	8.40
B.TOTAL PRODUCTION COSTS				169315.19	132.06	98.39
C.RETURN TO EQUITY (A-B)				21904.21	17.08	12.73

HEAD HANDLED 1878.0	DEATHLOSS o/o 2.7	CWT.LIVE WGHT.2205.6	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT 1723.9	LB.DRS.WT/HOG 175.9	NO. HOG EQU. 978.5	AVERAGE INDEX	103.6
LBS.FD/HOG EQ 753.6	HOME FEED o/o 39.2	HOG RECPT.o/o 66.3	AVG.FEED CONV	3.4
LB.AVG.DLY.GN. 1.1	AV.DAYS ON FD 214.6			

DRS.MARGIN/CWT	21.1	NET INCOME/CWT	16.5	EQUITY INT.o/o	23.3	INVEST.INT.o/o	20.7

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: ≥1500 HEAD

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
2102	▲MARKET HOGS	3536.9	CWT DRS	$ 83.83/CWT	296495.25	141.09	118.06
1	SOWS	3.0	CWT DRS	$ 84.33/CWT	254.25	0.12	0.10
	BOARS		CWT DRS	$ /CWT			
	▲WEANERS		HEAD	$ /HEAD			
	▲FEEDERS		HEAD	$ /HEAD			
	▲BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					7871.50	3.75	3.13
INV.CHANGE(SOW,GIL,FDRS,WNR					(16222.18)	(7.72)	(6.46)
OTHER RECEIPTS							
A.GROSS INCOME					288398.82	137.23	114.83
FEED COSTS:							
BARLEY		408.7	TONNES	$102.38/TONNE	41840.28	19.91	16.66
OTHER GRAINS		34.3	TONNES	$148.45/TONNE	5093.69	2.42	2.03
	•/• DRY SOW RATION		TONNES	$ /TONNE			
	•/• NURSING SOW RATN		TONNES	$ /TONNE			
	•/• PRE-STARTER RATN		TONNES	$ /TONNE			
18	•/• STARTER RATION	30.7	TONNES	$313.11/TONNE	9604.63	4.57	3.82
	•/• GROWER RATION	111.7	TONNES	$174.99/TONNE	19542.90	9.30	7.78
	•/• FINISHER RATION		TONNES	$ /TONNE			
40	•/• PROTEIN SUPPLMNT	47.8	TONNES	$387.23/TONNE	18499.75	8.80	7.37
	•/• PROTEIN SUPPLMNT		TONNES	$ /TONNE			
	•/• RAPESEED MEAL		TONNES	$ /TONNE			
48	•/• SOYABEAN MEAL	13.6	TONNES	$302.29/TONNE	4111.16	1.96	1.64
VIT.+MINERALS+SALT+LIMESTNE		4.1	TONNES	$ /TONNE	1233.35	0.59	0.49
FEED PROCESSING			TONNES	$ /TONNE			
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS			TONNES	$ /TONNE			
TOTAL FEED COSTS					99925.75	47.55	39.79
OTHER CASH COSTS:							
WEANERS		1031.0	HEAD	$ 51.75/HEAD	53357.95	25.39	21.25
FEEDERS		1051.8	HEAD	$ 59.84/HEAD	62940.22	29.95	25.06
GILTS			HEAD	$ /HEAD			
BOARS			HEAD	$ /HEAD			
BEDDING		0.1	TONNES	$ 22.00/TONNE	2.99		
VET.+MED.,CHEM.+DISINFECT.					1147.20	0.55	0.46
MANURE DISPOSAL (IF HIRED)							
HIRED LABOUR		36.5	HOURS	$ 6.51/HOUR	237.50	0.11	0.09
HOG TRUCKING COSTS					2457.58	1.17	0.98
MARKETING < ASSEMBLY CHARG.					6831.50	3.25	2.72
TAXES,INSURANCES < UTILIT.					5011.29	2.38	2.00
MACH.BLDG.EQP. OPERTNG.+REP					9171.47	4.36	3.65
ACCTNG,PROF.DUES + MISC.					5205.25	2.48	2.07
INTEREST-OPR.LOAN:LVSTK,FEED ETC.(15.5•/•)					9543.69	4.54	3.80
PAID INTEREST-CAPITAL LOANS					6698.87	3.19	2.67
OTHER CASH COSTS					162605.51	77.38	64.75
▲▲▲TOTAL CASH COSTS▲▲▲					262531.25	124.93	104.53
NON-CASH COSTS:							
OPERATOR'S LABOUR		1677.0	HOURS	$ 6.85/HOUR	11487.45	5.47	4.57
FAMILY LABOUR		382.8	HOURS	$ 6.08/HOUR	2326.70	1.11	0.93
DEPRECIATION (BLDG.+EQUIP.)					16224.89	7.72	6.46
▲▲▲TOTAL NON-CASH COSTS▲▲▲					30039.04	14.29	11.96
B.TOTAL PRODUCTION COSTS					292570.29	139.22	116.49
C.RETURN TO EQUITY (A-B)					-4171.47	-1.98	-1.66

HEAD HANDLED	3105.3	DEATHLOSS o/o	8.6	CWT.LIVE WGHT.	3219.8	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	2511.5	LB.DRS.WT/HOG	168.3	NO. HOG EQU.	1492.2	AVERAGE INDEX	101.0
LBS.FD/HOG EQ	958.4	HOME FEED o/o	37.5	HOG RECPT.o/o	71.6	AVG.FEED CONV	4.5
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	225.1				

DRS.MARGIN/CWT	10.3	NET INCOME/CWT	3.8	EQUITY INT.o/o	-2.0	INVEST.INT.o/o	1.0

POOR

QUALITY

ORIGINAL